

# List of Products: Ozone Instruments and Accessories

valid from 01.01.2026

## Lowest Cost of Ownership Ozone Instruments:

- Warranty 3 years
- UV lamp warranty 5 years
- Preventive maintenance not required
- Recalibration not required under normal operating conditions
- Certificate of Calibration included at no charge
- Early Warning for soiled cuvette and weakening lamp
- Error and event log integrated, with real time clock
- Windows software for diagnostics and logging included
- NRTL safety listing by TUV for North America (BMT 965 C/OG, BMT 932)

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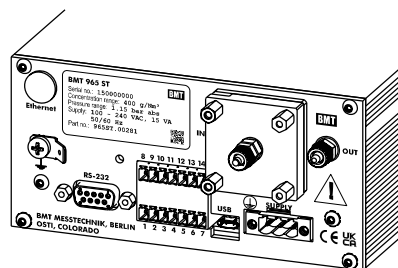
## Ozone Measurement: High Concentration

For a complete overview of options and combinations of our high concentration analysers please refer to our Order Sheet on page 9.

### OZONE ANALYZER BMT 965 ST



BMT 965 ST



back panel



Data Sheet

| Order No.  | Description                                                                                                                                                                                                                                                                                                                                                        |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BMT 965 ST | standard ozone analyser; with temperature and pressure compensation; built-in sample gas filter; isolated analogue outputs 0 - 10 VDC and 4 - 20 mA; USB (On-The-Go, Device/Host mode, Full speed); Key functions programmable via the front panel or a Windows Computer with our software BMT Link 965; available as 100 - 240 VAC, 50/60 Hz or 12 - 36 VDC, 15 W |

please order only one **concentration** range:

|     |          |                                                             |
|-----|----------|-------------------------------------------------------------|
|     | standard | 50, 100, 200, 300, 400, 500 or 600 g/Nm <sup>3</sup>        |
| LR  | low      | 10 or 20 g/Nm <sup>3</sup>                                  |
| LLR | lowest   | instrument is double in height! 1, 2 or 5 g/Nm <sup>3</sup> |

please order only one **pressure** range:

|    |          |                                  |
|----|----------|----------------------------------|
|    | standard | 1.15 bar abs                     |
| HP | high     | 1.5, 2, 2.5, 3, 3.5 or 4 bar abs |

#### Built-In Options

|                     |                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Internal Purge Unit | built-in purge unit (solenoid valve & air pump)<br>for fully automatic purging and zeroing on push button command<br>not available for HP (high pressure) versions |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Interface Options

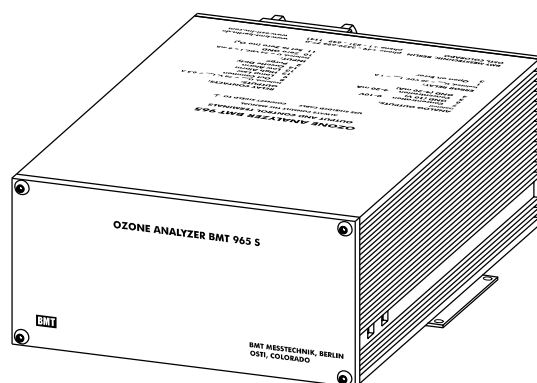
|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| RS-232     | <b>included (no choice);</b> bidirectional; isolated; 2400 - 38400 Baud |
| MODBUS/TCP |                                                                         |

#### Accessories

|                  |                                                  |
|------------------|--------------------------------------------------|
| 964/965-DC-POWER | 24 VDC wall mount power supply for 100 - 240 VAC |
|------------------|--------------------------------------------------|

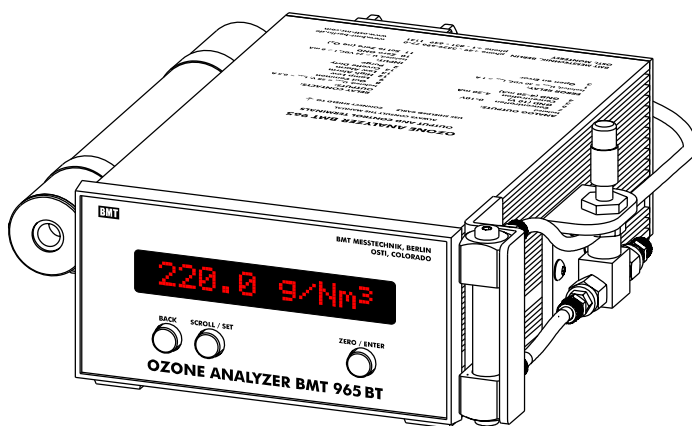
#### Spare Parts

|                       |                                                                     |
|-----------------------|---------------------------------------------------------------------|
| FILTER 25G            | box with 5 filter inserts of porous PTFE ("GOLD" filters);<br>25 mm |
| 965 CONN-SIG 7 (1-7)  | PCB connector for signals 1 - 7; 7-pole; screw terminals            |
| 965 CONN-SIG 7 (8-14) | PCB connector for signals 8 - 14; 7-pole; screw terminals           |
| 965ST CONN-MAINS 230  | PCB connector mains 230; 3-pole; screw terminals                    |
| 965ST CONN-MAINS 24   | PCB connector mains 24; 3-pole; screw terminals                     |

**OZONE ANALYZER BMT 965 S**

BMT 965 S

| Order No. | Description                                      |
|-----------|--------------------------------------------------|
| BMT 965 S | sensor version of BMT 965 ST = without a display |

**OZONE ANALYZER BMT 965 BT**

BMT 965 BT



Data Sheet

| Order No.  | Description                                                                                             |
|------------|---------------------------------------------------------------------------------------------------------|
| BMT 965 BT | bench top version of BMT 965 ST; portable; built-in throttle valve, flow meter and catalysing cartridge |

**pressure range:**

|  |                                                                 |
|--|-----------------------------------------------------------------|
|  | max. inlet pressure 2.5 barg, max. outlet pressure 1.15 bar abs |
|--|-----------------------------------------------------------------|

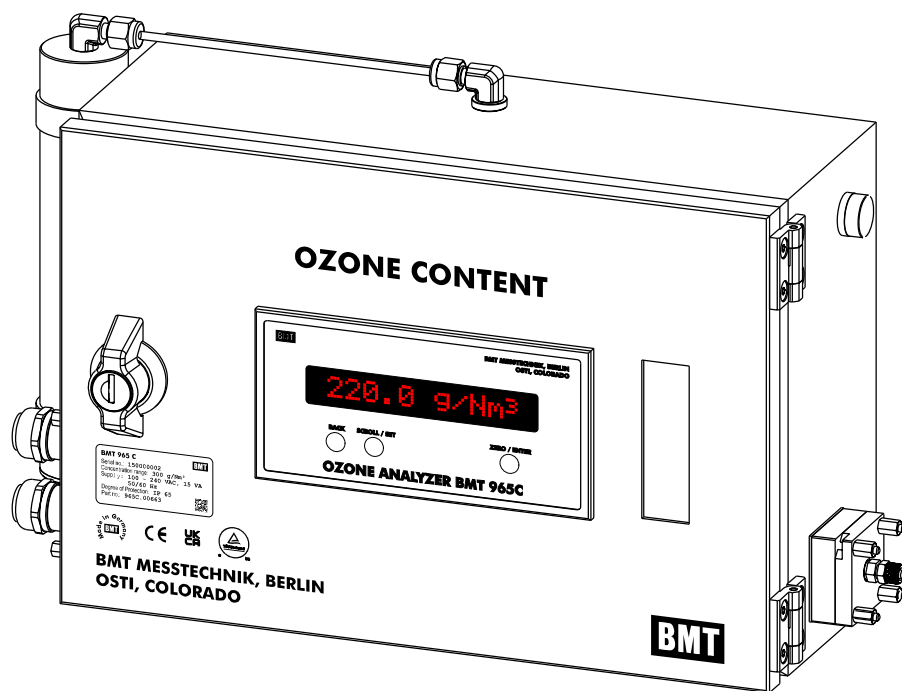
**Accessories**

|           |                                                    |
|-----------|----------------------------------------------------|
| bag       | soft carrying bag (camera bag)                     |
| Powerbank | powerbank option available, contact us for details |

**Spare Parts**

|                       |                                                                  |
|-----------------------|------------------------------------------------------------------|
| FILTER 25G            | box with 5 filter inserts of porous PTFE ("GOLD" filters); 25 mm |
| 965 CONN-SIG 7 (1-7)  | PCB connector for signals 1 - 7; 7-pole; screw terminals         |
| 965 CONN-SIG 7 (8-14) | PCB connector for signals 8 - 14; 7-pole; screw terminals        |
| 964/965-DC-POWER      | 24 VDC wall mount power supply for 100 - 240 VAC                 |
| CAT-RS 3x5            | catalysing cartridge for BMT 965 BT, REFILL-RS included          |
| REFILL-RS             | Carulite 200 material to refill CAT-RS                           |

see BMT 965 ST (see page 2) for concentration range, built-in or interface options

**OZONE ANALYZER BMT 965 C**

BMT 965 C



Data Sheet

| Order No. | Description                                                                                                                                                                      |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BMT 965 C | cabinet version of BMT 965 ST (wall-mount metal cabinet, splash-proof); built-in internal purge unit, flow meter, squeeze valve (throttle valve) and catalysing cartridge CAT-35 |

please order only one **concentration** range:

|    |          |                                                      |
|----|----------|------------------------------------------------------|
|    | standard | 50, 100, 200, 300, 400, 500 or 600 g/Nm <sup>3</sup> |
| LR | low      | 10 or 20 g/Nm <sup>3</sup>                           |

**pressure range:**

|  |                                                                 |
|--|-----------------------------------------------------------------|
|  | max. inlet pressure 2.5 barg, max. outlet pressure 1.15 bar abs |
|--|-----------------------------------------------------------------|

**Interface Options**

|            |                                            |
|------------|--------------------------------------------|
| RS-232     | bidirectional; isolated; 2400 - 38400 Baud |
| MODBUS RTU |                                            |
| MODBUS/TCP |                                            |

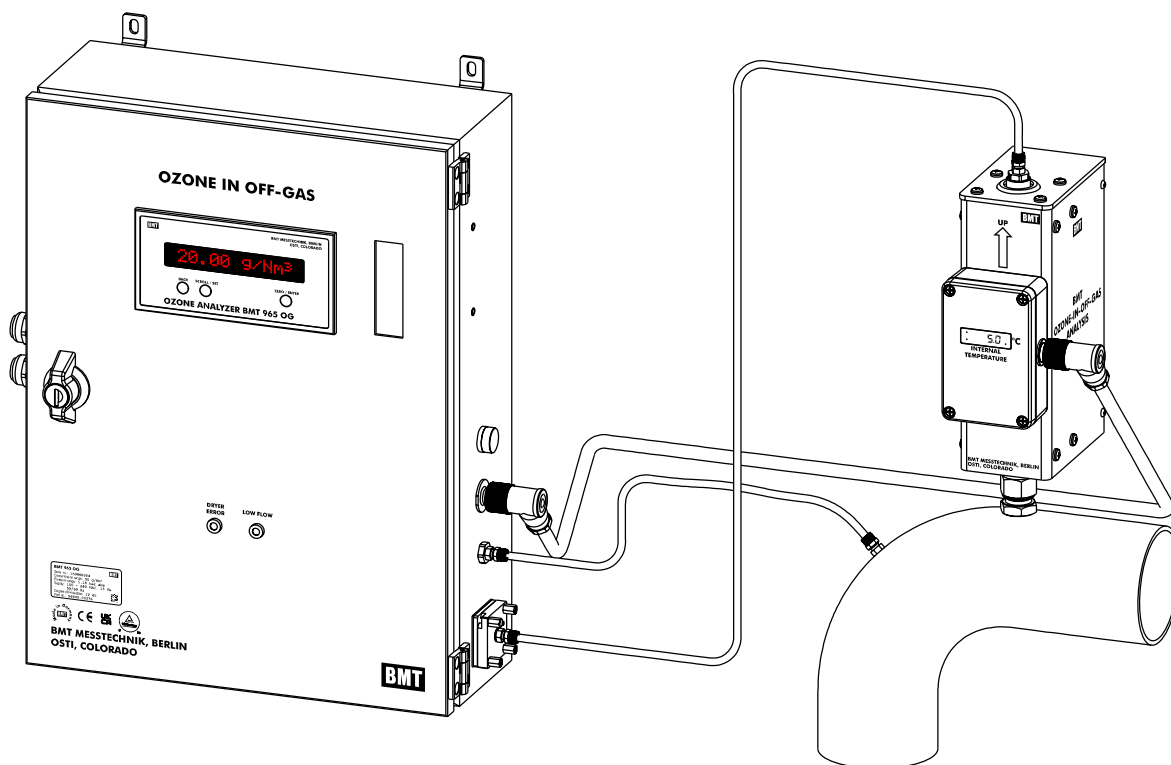
**Accessories**

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| 965C-964C Signal & Mains Adapter | 965 C - 964 C Signal & Mains Adapter                     |
| Test Connector                   | for connecting a test analyser in parallel (see page 16) |

**Spare Parts**

|                       |                                                                                 |
|-----------------------|---------------------------------------------------------------------------------|
| FILTER 25G            | box with 5 filter inserts of porous PTFE ("GOLD" filters); 25 mm                |
| FILTER 25 MAIN        | box with one main particle filter insert of porous PTFE; 25x6 mm; for BMT 965 C |
| 965 CONN-SIG 7 (1-7)  | PCB connector for signals 1 - 7; 7-pole; screw terminals                        |
| 965 CONN-SIG 7 (8-14) | PCB connector for signals 8 - 14; 7-pole; screw terminals                       |
| 965C/OG CONN-MAINS    | PCB connector for mains; 2-pole; screw terminals                                |
| CONN-232              | connector for serial interface RS-232; 4-pole; solder terminals                 |
| CAT-35                | catalysing Cartridge for BMT 965 C                                              |
| REFILL-35             | Carulite 200 material to refill CAT-35                                          |

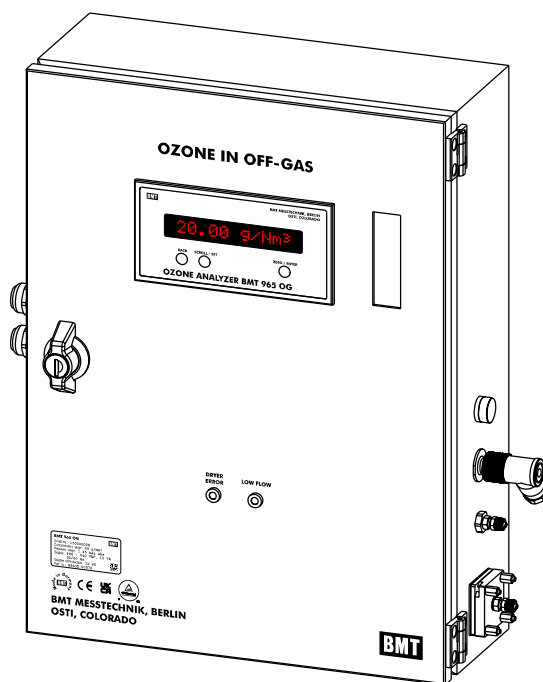
## OFF-GAS SYSTEM



OZONE-IN-OFF-GAS ANALYZER BMT 965 OG with SAMPLE GAS DEHUMIDIFIER DH6

| Order No.  | Description                                                                                                                            |
|------------|----------------------------------------------------------------------------------------------------------------------------------------|
| BMT 965 OG | ozone-in-off-gas analyser; part of the OFF-GAS SYSTEM; built-in purge unit, sample gas filter and SAMPLE GAS PUMP SGP5-DC (see page 6) |
| DH6        | sample gas dehumidifier used for high ozone concentration; peltier-electric; splash proof (see page 24)                                |

An OFF-GAS SYSTEM usually has to be tailored according to individual needs - Do not hesitate to ask!

**OZONE-IN-OFF-GAS ANALYSER BMT 965 OG**

BMT 965 OG



Data Sheet

| Order No.  | Description                                                                                                               |
|------------|---------------------------------------------------------------------------------------------------------------------------|
| BMT 965 OG | ozone-in-off-gas analyser; part of the OFF-GAS SYSTEM; built-in purge unit, sample gas filter and SAMPLE GAS PUMP SGP5-DC |

please order only one **concentration** range:

|     |          |                             |
|-----|----------|-----------------------------|
|     | standard | 50 or 100 g/Nm <sup>3</sup> |
| LR  | low      | 10 or 20 g/Nm <sup>3</sup>  |
| LLR | lowest   | 5 g/Nm <sup>3</sup>         |

please order only one **pressure** range:

|    |          |                  |
|----|----------|------------------|
|    | standard | 1.15 bar abs     |
| HP | high     | 1.5 or 2 bar abs |

**Build-In Options**

|       |                                        |
|-------|----------------------------------------|
| LFW-2 | low flow warning (thermal flow sensor) |
|-------|----------------------------------------|

**Interface Options**

|            |                                            |
|------------|--------------------------------------------|
| RS-232     | bidirectional; isolated; 2400 - 38400 Baud |
| MODBUS RTU |                                            |
| MODBUS/TCP |                                            |

**Accessories**

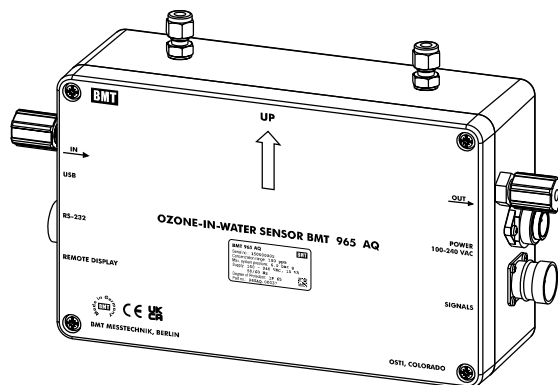
|                                    |                                                                  |
|------------------------------------|------------------------------------------------------------------|
| 965OG-964OG Signal & Mains Adapter | 965 OG - 964 OG Signal & Mains Adapter                           |
| CAT-RS                             | catalysing cartridge (stainless steel, refillable) (see page 21) |

**Spare Parts**

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| FILTER 25G         | box with 5 filter inserts of porous PTFE ("GOLD" filters); 25 mm |
| 965C/OG CONN-MAINS | PCB connector for mains; 2-pole; screw terminals                 |
| SGP5-SPARE         | spare parts for SGP5 (membranes, valves, O-rings)                |

## Ozone Measurement: Ozone in Water

### OZONE-IN-WATER SENSOR BMT 965 AQ & BMT 965 AQ/HF



BMT 965 AQ



Data Sheet

| Order No.     | Description                                                                                                                                                                                                                              |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BMT 965 AQ    | OZONE-IN-WATER SENSOR BMT 965 AQ; isolated analogue outputs 0 - 10 VDC and 4 - 20 mA; USB (On-The-Go, Device/Host mode, Full speed); Key functions programmable via the front panel or a Windows Computer with our software BMT Link 965 |
| BMT 965 AQ/HF | HF version of BMT 965 AQ for up to 20% hydrofluoric acid (HF)                                                                                                                                                                            |

please order only one **concentration** range:

|       |                                              |
|-------|----------------------------------------------|
| AQ    | 10, 50, 100, 150 or 300 ppm <sub>w</sub>     |
| AQ/HF | 10, 20, 50, 100, 150 or 300 ppm <sub>w</sub> |

**pressure** range:

|  |                                                                       |
|--|-----------------------------------------------------------------------|
|  | max. inlet pressure depends on concentration range<br>(see datasheet) |
|--|-----------------------------------------------------------------------|

#### Build-In Options

|              |                                                               |
|--------------|---------------------------------------------------------------|
| RD interface | optional connector for Remote Display BMT 965 RD (see page 8) |
|--------------|---------------------------------------------------------------|

#### Interface Options

|            |                                            |
|------------|--------------------------------------------|
| RS-232     | bidirectional; isolated; 2400 - 38400 Baud |
| MODBUS/TCP |                                            |

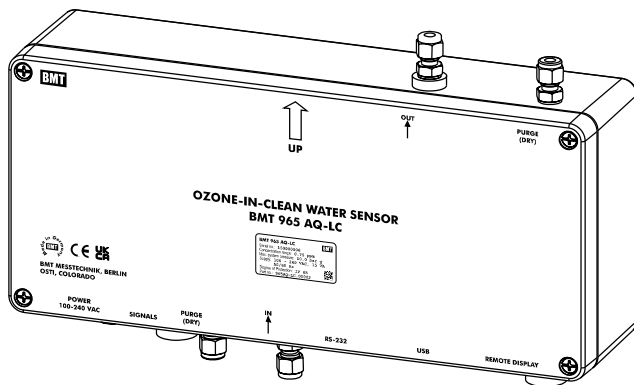
#### Accessories

|                      |                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------|
| AQ Signal Cable      | 16-pole signal cable; only one connector; standard length 2 m (optional: 5 m or 20 m, please specify) |
| AQ Power Cable       | power cable; only one connector; standard length 2 m (length variable, please specify)                |
| AQ Power Supply Cord | power cable with connectors on both sides; NEMA 5-15P (2 m) or Schuko (2 m or 5 m), please specify    |

#### Spare Parts

|                |                                                                   |
|----------------|-------------------------------------------------------------------|
| CONN-TOOL      | mounting tool for signal connector CONN-SIG 16                    |
| CONN-SIG 16    | connector for signals; 16-pole; solder terminals                  |
| CONN-MAINS 230 | connector for mains input; 4-pole; screw terminal (100 - 240 VAC) |
| CONN-MAINS 24  | connector for mains input; 4-pole (24 VDC)                        |
| CONN-232       | connector for serial interface RS-232; 4-pole; solder terminals   |

## OZONE-IN-WATER SENSOR BMT 965 AQ-LC



BMT 965 AQ-LC



Data Sheet

| Order No. | Description |
|-----------|-------------|
|-----------|-------------|

|               |                                                              |
|---------------|--------------------------------------------------------------|
| BMT 965 AQ-LC | low and medium concentration model of ozone-in-water sensors |
|---------------|--------------------------------------------------------------|

please order only one **concentration** range:

0.5, 0.75, 2, 5, 10 or 15 ppm<sub>w</sub>

**pressure** range:

max. inlet pressure 10 barg

### Build-In Options

|              |                                                               |
|--------------|---------------------------------------------------------------|
| RD interface | optional connector for Remote Display BMT 965 RD (see page 8) |
|--------------|---------------------------------------------------------------|

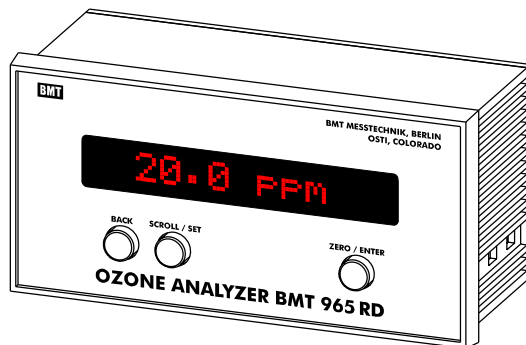
### Interface Options

|        |                                            |
|--------|--------------------------------------------|
| RS-232 | bidirectional; isolated; 2400 - 38400 Baud |
|--------|--------------------------------------------|

|            |  |
|------------|--|
| MODBUS/TCP |  |
|------------|--|

see BMT 965 AQ (see page 7) for accessories and spare parts

## REMOTE DISPLAY BMT 965 RD



BMT 965 RD



Data Sheet

| Order No. | Description |
|-----------|-------------|
|-----------|-------------|

|            |                                                                                                                     |
|------------|---------------------------------------------------------------------------------------------------------------------|
| BMT 965 RD | remote display; needs instrument with built-in option "RD interface"; 2.5 m cable included (5 m or 10 m on request) |
|------------|---------------------------------------------------------------------------------------------------------------------|

### Accessories

|          |                                                                              |
|----------|------------------------------------------------------------------------------|
| RD cable | special cable, length > 10 m up to 30 m (up to 100 m please contact factory) |
|----------|------------------------------------------------------------------------------|



## Order Sheet

- ☐ please check options  
☒ standard version  
 (recommended!)  
☒ included (no choice)  
 - option not available

|                                          | BMT 965<br>ST            | BMT 965<br>BT            | BMT 965<br>C             | BMT 965<br>OG            | BMT 965<br>AQ            | BMT 965<br>AQ/HF         | BMT 965<br>AQ-LC         |
|------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Basic Model →                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>Concentration Range <sup>1)</sup></b> |                          |                          |                          |                          |                          |                          |                          |
| 0.5 g/Nm <sup>3</sup> (or 0.04 %wt/wt)   | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | 0.5 ppmw                 |
| 0.75 g/Nm <sup>3</sup> (or 0.06 %wt/wt)  | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | 0.75 ppmw                |
| 1 g/Nm <sup>3</sup> (or 0.08 %wt/wt)     | <input type="checkbox"/> | 2) 6)                    | 2) 6)                    | -                        | -                        | -                        | -                        |
| 2 g/Nm <sup>3</sup> (or 0.15 %wt/wt)     | <input type="checkbox"/> | 2) 6)                    | 2) 6)                    | -                        | -                        | -                        | 2 ppmw                   |
| 5 g/Nm <sup>3</sup> (or 0.35 %wt/wt)     | <input type="checkbox"/> | 2) 6)                    | 2) 6)                    | -                        | -                        | -                        | 5 ppmw                   |
| 10 g/Nm <sup>3</sup> (or 0.7 %wt/wt)     | <input type="checkbox"/> | -                        | -                        | -                        | 10 ppmw                  | 10 ppmw                  | 10 ppmw                  |
| 15 g/Nm <sup>3</sup> (or 1.1 %wt/wt)     | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | 15 ppmw                  |
| 20 g/Nm <sup>3</sup> (or 1.5 %wt/wt)     | <input type="checkbox"/> | -                        | -                        | -                        | -                        | 20 ppmw                  | -                        |
| 50 g/Nm <sup>3</sup> (or 3.5 %wt/wt)     | <input type="checkbox"/> | -                        | -                        | -                        | 50 ppmw                  | 50 ppmw                  | -                        |
| 100 g/Nm <sup>3</sup> (or 7 %wt/wt)      | <input type="checkbox"/> | -                        | -                        | -                        | 100 ppmw                 | 100 ppmw                 | -                        |
| 150 g/Nm <sup>3</sup>                    | <input type="checkbox"/> | -                        | -                        | -                        | 150 ppmw                 | 150 ppmw                 | -                        |
| 200 g/Nm <sup>3</sup> (or 14 %wt/wt)     | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| 300 g/Nm <sup>3</sup> (or 20 %wt/wt)     | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| 400 g/Nm <sup>3</sup> (or 26 %wt/wt)     | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| 500 g/Nm <sup>3</sup> (or 31 %wt/wt)     | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| 600 g/Nm <sup>3</sup> (or 37 %wt/wt)     | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| <b>Pressure Range</b>                    |                          |                          |                          |                          |                          |                          |                          |
| standard, 1.15 bar abs                   | <input type="checkbox"/> | ●                        | ■                        | ■                        | ●                        | -                        | -                        |
| high, 1.5 bar abs                        | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| high, 2 bar abs                          | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| high, 2.5 bar abs                        | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| high, 3 bar abs                          | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| high, 3.5 bar abs                        | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| high, 4 bar abs                          | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| <b>Power Option</b>                      |                          |                          |                          |                          |                          |                          |                          |
| 100 - 240 VAC, 50/60 Hz                  | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| 12 - 36 VDC, 15 W                        | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| <b>Fittings</b>                          |                          |                          |                          |                          |                          |                          |                          |
| for 3x5 mm FEP tubing                    | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| for 4x6 mm FEP tubing                    | <input type="checkbox"/> | ●                        | ●                        | ●                        | ●                        | -                        | -                        |
| 1/8" Swagelok <sup>3)</sup>              | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| 1/4" Swagelok <sup>3)</sup>              | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| 6 mm Swagelok                            | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| 1/4" Flaretek                            | <input type="checkbox"/> | -                        | -                        | -                        | ●                        | ●                        | -                        |
| PVDF, for 4x6 mm FEP tubing              | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | ●                        |
| <b>Built-In Options</b>                  |                          |                          |                          |                          |                          |                          |                          |
| Internal Purge Unit                      | <input type="checkbox"/> | 1.15 bar abs             | 1.15 bar abs             | ■                        | ■                        | -                        | -                        |
| Sensor Version (no display)              | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| RD interface                             | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| <b>Interface Options</b>                 |                          |                          |                          |                          |                          |                          |                          |
| RS-232                                   | <input type="checkbox"/> | ■                        | ■                        | -                        | -                        | -                        | -                        |
| MODBUS RTU                               | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |
| MODBUS/TCP                               | <input type="checkbox"/> | -                        | -                        | -                        | -                        | -                        | -                        |

Selection of a model including its specs and options is mandatory!

Minimum specs are: concentration range, pressure range, power option and type of connecting fittings.

**Note 1):** The ranges in %wt/wt are not equal to the ranges in g/Nm<sup>3</sup> - the unit may be switched by the user at any time.

**Note 2):** The instrument is double in height (front 144x144 mm).

**Note 3):** LET-LOK fitting, Swagelok interchangeable

**Note 4):** An internal purge unit is only available for a pressure range of 1.15 bar abs, in general.

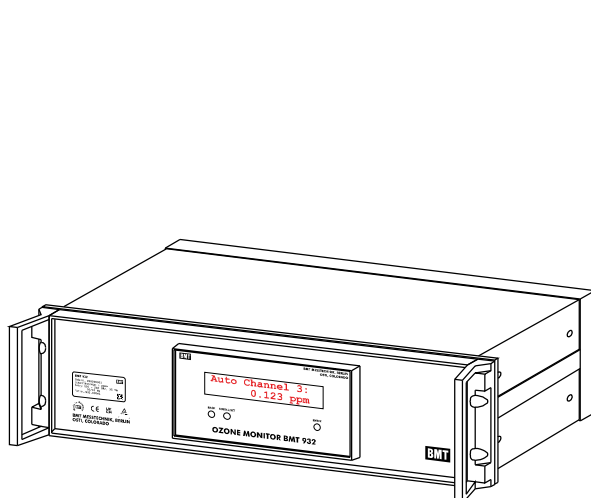
**Note 5):** Only one out of three interface options is allowed.

**Note 6):** Only available with: pressure range = 1.15 bar abs and power option = 100 - 240 VAC, 50/60 Hz; MODBUS/TCP not available

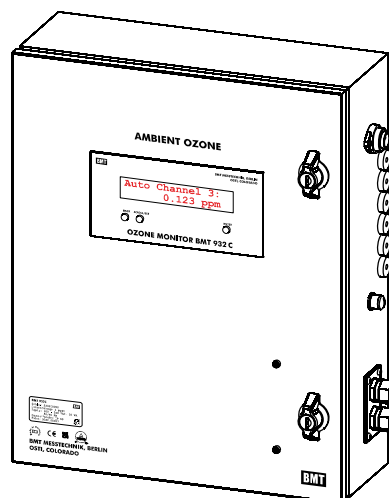
To find out more about the above models and their options, please refer to our data sheets (www.bmt-berlin.de)

## Ozone Measurement: Low Concentration

### OZONE MONITOR BMT 932 & BMT 932 C



BMT 932



BMT 932 C



Data Sheet

| Order No. | Description                                                                                                                                                                                                                                                                                                                                                  |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BMT 932   | 19" ambient ozone monitor; with temperature and pressure compensation; with two scrubbers (utility + reserve); isolated serial interface RS-232; Key functions programmable via the front panel or a Windows Computer with our software BMT Link 932; one filter holder and mounting fitting (932-MALEFIT) per channel included; 200 filter inserts included |
| BMT 932 C | cabinet version of BMT 932                                                                                                                                                                                                                                                                                                                                   |

please order only one **channel** version:

|  |            |
|--|------------|
|  | 1 channel  |
|  | 3 channels |
|  | 6 channels |

please order only one **concentration** range:

|  |                                           |
|--|-------------------------------------------|
|  | 0.5, 1, 2, 5, 10, 20, 50, 100 or 250 ppmv |
|--|-------------------------------------------|

please order only one **power** option:

|  |          |                                |
|--|----------|--------------------------------|
|  | standard | 100 - 240 VAC, 35 VA, 50/60 Hz |
|  |          | 18 - 36 VDC, 25 W              |

#### Built-In Options

|           |                                                                                                                                |
|-----------|--------------------------------------------------------------------------------------------------------------------------------|
| 932-RELAY | relay box; 50 pin D-Sub connector; fully compatible with BMT 930 relay box; available only for 19" monitor                     |
| 932-MPA   | second display for ozone partial pressure (mPa); available only for 19" monitor according to DIN ISO 1431-1 and ANSI D 1149-07 |
| 932C-HAR  | option high alarm relay for cabinet version                                                                                    |

for Accessories and Spare Parts see next page

| Order No. | Description |
|-----------|-------------|
|-----------|-------------|

**Accessories**

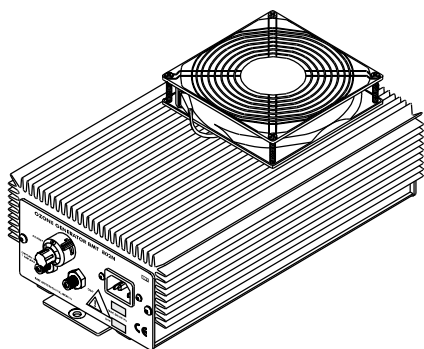
|                      |                                                                                                                                                                     |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AOS 2                | ambient ozone simulator; for comparison of two ozone monitors (see page 14)                                                                                         |
| DH6-LC               | peltier-electric sample gas dryer (see page 24)                                                                                                                     |
| 932-ACCESSORY        | accessory kit for BMT 932 and BMT 932 C                                                                                                                             |
| 932-WATERTRAP Rev. 2 | for evaluation of condensation risk                                                                                                                                 |
| VENT ADAPTER LP      | Adapter 1/4" LET-LOK (Swagelok interchangeable) to 932-MALEFIT; 19 cm long with FEP lining; incl. one inline filter (932-INL-FILT);<br>max. system pressure: 1 barg |
| VENT ADAPTER HP      | Adapter 1/4" LET-LOK (Swagelok interchangeable) to 932-MALEFIT; 19 cm long with FEP lining; system pressure > 1 barg; max. system pressure: 6 barg                  |
| TEST SCRUBBER        | provides "zero air" for ambient monitors of measurement range 1 ppm <sub>v</sub>                                                                                    |
| 932-DC-POWER         | 24 VDC wall mount power supply for 100 - 240 VAC; only for 19" monitors                                                                                             |
| 932 CONVERSION KIT   | conversion kit for USA                                                                                                                                              |

**Spare Parts**

|                     |                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 932-HOLDER          | filter holder                                                                                                                                |
| 932-MALEFIT         | mounting fitting (male) for filter holder; mounting hole 13 mm                                                                               |
| 932-INSERTS         | box with filter inserts (200 pcs.)                                                                                                           |
| 932-SPARE-N         | spare parts kit (UV lamp, scrubber, additional set of filter holders); for instruments with a concentration range of max. 1 ppm <sub>v</sub> |
| 932-SPARE-P         | spare parts kit (UV lamp, scrubber, additional set of filter holders); for instruments with a concentration range above 1 ppm <sub>v</sub>   |
| 932-LAMP            | UV lamp (please specify serial number)                                                                                                       |
| 932-SCRUBBER        | scrubber for 1 ppm <sub>v</sub>                                                                                                              |
| 932-PERMSCRUB       | permanent scrubber for ranges > 1 ppm <sub>v</sub>                                                                                           |
| 932-ADAPT           | set of fittings (male & female) for both sides of filter holder                                                                              |
| 932-FIT             | fitting for 4x6 mm FEP tubing (1/4" on request), mounting thread G 1/8"                                                                      |
| 932-INL-FILT        | disposable particle filter; for "inline" usage only; max. system pressure: 1 barg                                                            |
| 932-FEMALE-AD-SL1/4 | mounting adapter for filter holder; LUER-LOCK female - 1/4" LET-LOK (Swagelok interchangeable)                                               |
| TU 1/4x5/32         | tubing; 1/4" x 5/32"; transparent FEP                                                                                                        |

## Ozone Sources: High Concentration Generators

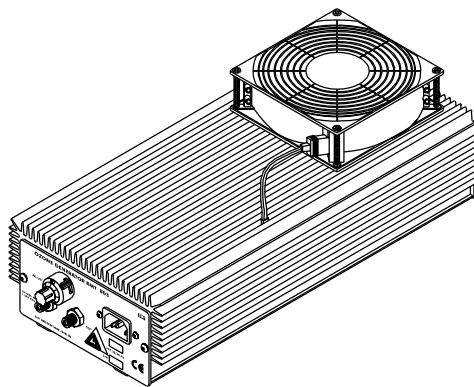
### OZONE GENERATOR BMT 802 N & 803 N



BMT 802 N



Data Sheet



BMT 803 N



Data Sheet

| Order No. | Description |
|-----------|-------------|
|-----------|-------------|

|           |                                                                      |
|-----------|----------------------------------------------------------------------|
| BMT 802 N | ozone generator; about 4 g/h @ 100 g/Nm <sup>3</sup> (length 311 mm) |
| BMT 803 N | ozone generator; about 8 g/h @ 100 g/Nm <sup>3</sup> (length 391 mm) |

please order only one **pressure** range:

|    |          |        |
|----|----------|--------|
|    | standard | 1 barg |
| HP | high     | 2 barg |

please order only one **fitting (in&out)** option:

|  |          |                                         |
|--|----------|-----------------------------------------|
|  | standard | fittings for 4x6 mm FEP tubing          |
|  |          | fittings for 3x5 mm FEP tubing          |
|  |          | 1/8" LET-LOK (Swagelok interchangeable) |
|  |          | 1/4" LET-LOK (Swagelok interchangeable) |
|  |          | 1/4" VCR (male body)                    |

please order only one **power** option:

|  |                         |
|--|-------------------------|
|  | 230 VAC, 50/60 Hz, 80 W |
|  | 115 VAC                 |

#### Power Control Options

|               |                                                                                                                         |
|---------------|-------------------------------------------------------------------------------------------------------------------------|
| Potentiometer | built-in potentiometer                                                                                                  |
| RC            | remote control with 0 - 5 VDC or remote potentiometer (instead of built-in potentiometer)                               |
| RCS           | remote control with 0 - 5 VDC or remote potentiometer (instead of built-in potentiometer); plus ON/OFF control (24 VDC) |

#### Built-In Options

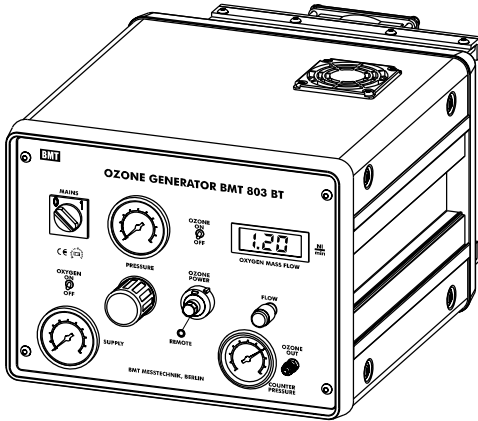
|       |                                                                                   |
|-------|-----------------------------------------------------------------------------------|
| CHECK | check valve 4x6 mm (3x5 mm or 1/8" on request) at the outlet (mounted externally) |
|-------|-----------------------------------------------------------------------------------|

#### Accessories

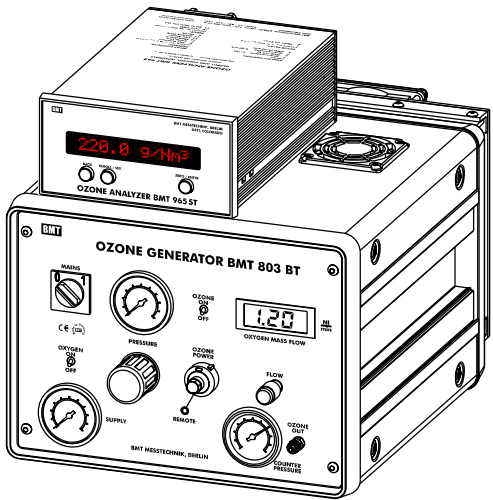
|            |                                                                                                           |
|------------|-----------------------------------------------------------------------------------------------------------|
| 80x RC POT | potentiometer for external power control; with 1 m cable and green connector; only for generators with RC |
|------------|-----------------------------------------------------------------------------------------------------------|

For more accessories of the above-mentioned generators, please visit page 27.

OZONE GENERATOR BMT 803 BT & BMT 803 BT-A



BMT 803 BT



BMT 803 BT-A



Data Sheet

| Order No.    | Description                                                                                                                                                                                            |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BMT 803 BT   | laboratory ozone source; bench top model; more than 8 g/h @ 100 g/Nm³; with valves, gauges and controls for immediate operation; oxygen flow rate 0.1 to 4 NI/min; inlet fitting for 4x6 mm FEP tubing |
| BMT 803 BT-A | BMT 803 BT combined with special ozone concentration analyser; inlet fitting for 4x6 mm FEP tubing<br><br>specifications of ozone concentration analyser: range 300 g/Nm³; pressure range 2.0 bar abs  |

please order only one **fitting (out)** option:

|  |          |                                         |
|--|----------|-----------------------------------------|
|  | standard | fittings for 4x6 mm FEP tubing          |
|  |          | fittings for 3x5 mm FEP tubing          |
|  |          | 1/8" LET-LOK (Swagelok interchangeable) |

please order only one **power** option:

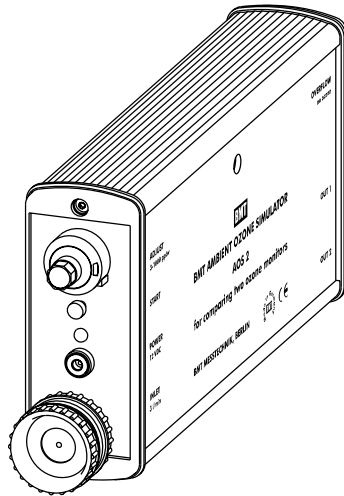
|  |                          |
|--|--------------------------|
|  | 230 VAC, 50/60 Hz, 170 W |
|  | 115 VAC, 50/60 Hz, 170 W |

please order only one **flow measurement** range:

|  |              |
|--|--------------|
|  | 0 - 2 NI/min |
|  | 0 - 4 NI/min |

## Ozone Sources: Ambient Ozone Generators

### AMBIENT OZONE SIMULATOR AOS 2



AOS 2



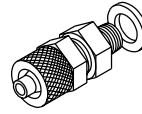
Data Sheet

| Order No.          | Description                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AOS 2              | ambient ozone simulator with flow independent concentration; up to 3 l/min; for comparison of 2 ozone monitors; 24 VDC, 450 mA (wall mount power supply incl.) |
| <b>Accessories</b> |                                                                                                                                                                |
| Powerbank          | powerbank option available, contact us for details                                                                                                             |

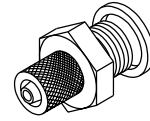
## Ozone Accessories: Fittings, Reducers, Tubing

### F 3x5

fitting for 3x5 mm (or 1/8" x 3/16" resp.) FEP tubing



F 3x5-M5

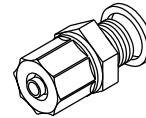


F 3x5-1/8

| Order No.    | Description                                         |
|--------------|-----------------------------------------------------|
| F 3x5-M5     | M5 thread; SS                                       |
| F 3x5-M5-OR  | M5 thread; SS; with KALREZ® O-ring on mounting side |
| F 3x5-1/8    | G 1/8" thread; AL; black anodised                   |
| F 3x5-1/8-M5 | G 1/8" thread; SS; with M5 female thread            |
| F 3x5-1/4NPT | 1/4" NPT thread; SS                                 |
| F 3x5-1/8NPT | 1/8" NPT thread; SS                                 |

### F 4x6

fitting for 4x6 mm FEP tubing



F 4x6-1/8

| Order No.    | Description                       |
|--------------|-----------------------------------|
| F 4x6-M5     | M5 thread; SS                     |
| F 4x6-1/8    | G 1/8" thread; AL; black anodised |
| F 4x6-1/8-SS | G 1/8" thread; SS                 |

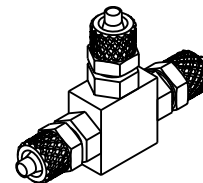
### NUTS

additional nuts for the above fittings; may be ordered separately

| Order Number | Description         |
|--------------|---------------------|
| nut 3x5      | for 3x5 mm fittings |
| nut 4x6      | for 4x6 mm fittings |

### TEE

"T" connection

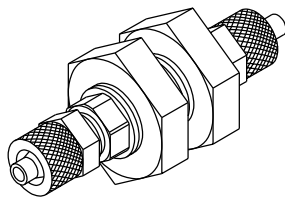


Tee 3x5

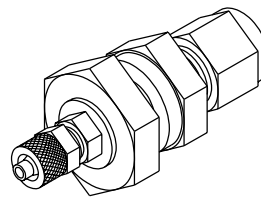
| Order No.    | Description                         |
|--------------|-------------------------------------|
| TEE 3x5      | for 3x5 mm FEP tubing; AL; SS       |
| TEE 4x6      | for 4x6 mm FEP tubing; AL; SS       |
| TEE 1/4-PVDF | for 1/4" or 4x6 mm FEP tubing; PVDF |

**PMU & ADAPTORS**

panel mount; mounting hole 10 mm; SS



PMU 3x5-3x5

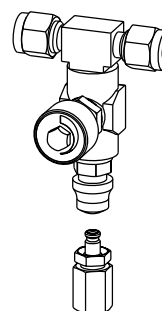


PMU 3x5-SL1/4

| Order No.            | Description                                                                                     |
|----------------------|-------------------------------------------------------------------------------------------------|
| PMU 3x5-3x5          | union; for 3x5 mm FEP tubing; max. wall thickness 5 mm                                          |
| PMU 4x6-4x6          | union; for 4x6 mm FEP tubing; max. wall thickness 5 mm                                          |
| PMU 3x5-SL1/8        | reducer; 3x5 mm FEP tubing to 1/8" LET-LOK (Swagelok interchangeable); max. wall thickness 5 mm |
| PMU 3x5-SL1/4        | reducer; 3x5 mm FEP tubing to 1/4" LET-LOK (Swagelok interchangeable); max. wall thickness 4 mm |
| PMU 3x5-SL6          | reducer; 3x5 mm FEP tubing to 6 mm LET-LOK (Swagelok interchangeable); max. wall thickness 4 mm |
| PMU 4x6-SL1/8        | reducer; 4x6 mm FEP tubing to 1/8" LET-LOK (Swagelok interchangeable); max. wall thickness 5 mm |
| PMU 4x6-SL1/4        | reducer; 4x6 mm FEP tubing to 1/4" LET-LOK (Swagelok interchangeable); max. wall thickness 4 mm |
| PMU 4x6-SL6          | reducer; 4x6 mm FEP tubing to 6 mm LET-LOK (Swagelok interchangeable); max. wall thickness 4 mm |
| AD/PMU 3x5-4x6       | reducer; 3x5 mm to 4x6 mm or 1/4" FEP tubing; max. wall thickness 10 mm                         |
| AD 3x5-1/4x5/32-PVDF | for 3x5 mm to 1/4" x 5/32" FEP tubing; PVDF                                                     |
| AD 3x5-G1/4-SS       | for 3x5 mm FEP tubing to G 1/4" male thread; SS                                                 |
| AD 4x6-1/4x5/32-SS   | for 4x6 mm to 1/4" - 5/32" FEP tubing; SS                                                       |
| AD 1/4x5/32-4x6-PVDF | for 1/4" x 5/32" to 4x6 mm FEP tubing; PVDF                                                     |
| AD SL1/4-1/4x5/32-SS | for 1/4" LET-LOK (Swagelok interchangeable) to 1/4" x 5/32" FEP tubing; SS                      |

**Test Connector**

for connecting a test analyser in parallel to a main ozone analyser; test analyser: shut-off valve and quick-connect fitting for 4x6 mm FEP tubing

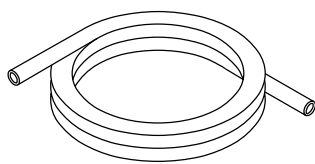


Test Connector

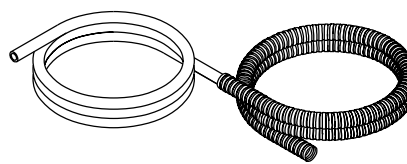
| Order No.                | Description                                                                   |
|--------------------------|-------------------------------------------------------------------------------|
| Test Connector SL1/4-4x6 | fitting for main analyser connection: 1/4" LET-LOK (Swagelok interchangeable) |
| Test Connector SL6-4x6   | fitting for main analyser connection: 6 mm LET-LOK (Swagelok interchangeable) |



## TUBING



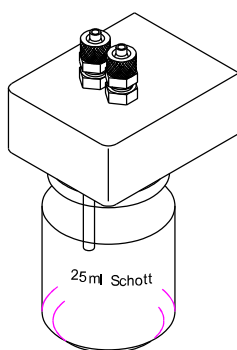
TU



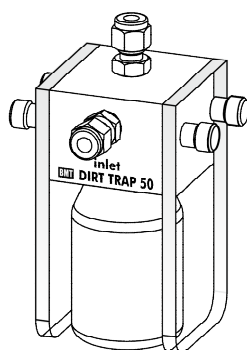
FLEXA 8x10

| Order No.   | Description                                              |
|-------------|----------------------------------------------------------|
| TU 2.5x4    | FEP tubing; 2.5x4 mm; transparent                        |
| TU 3x5      | FEP tubing; 3x5 mm (1/8" x 3/16"); transparent           |
| TU 4x6      | FEP tubing; 4x6 mm; transparent                          |
| TU 1/4x5/32 | FEP tubing; 1/4" x 5/32"; transparent                    |
| FLEXA 8x10  | flexible SS tubing; ID 7.5 mm; for protecting FEP tubing |

## Ozone Accessories: Filters, Destructs



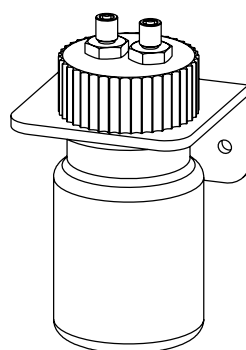
DT 25



DT 50



Data Sheet



DT 100



Data Sheet

### DT 25

DIRT TRAP 25ml; glass

| Order No. | Description                    |
|-----------|--------------------------------|
| DT 25 3x5 | fittings for 3x5 mm FEP tubing |

### DT 50

DIRT TRAP 50 ml; acrylic protection on two sides; glass

| Order No.   | Description                                          |
|-------------|------------------------------------------------------|
| DT 50 SL1/4 | fittings for 1/4" LET-LOK (Swagelok interchangeable) |
| DT 50 SL6   | fittings for 6 mm Swagelok                           |

### DT 100

DIRT TRAP 100 ml; glass

| Order No.         | Description                                                                                    |
|-------------------|------------------------------------------------------------------------------------------------|
| DT 100 3x5        | fittings for 3x5 mm FEP tubing                                                                 |
| DT 100 4x6        | fittings for 4x6 mm FEP tubing                                                                 |
| DT 100 DH6 3x5    | for use with DH6; inlet fitting for 3x5 mm FEP tubing; outlet fitting 12 mm Swagelok for DH6   |
| DT 100 DH6 4x6    | for use with DH6; inlet fitting for 4x6 mm FEP tubing; outlet fitting 12 mm Swagelok for DH6   |
| DT 100 DH6-LC 4x6 | for use with DH6-LC; inlet fitting for 4x6 mm FEP tubing; outlet fitting 12 mm PVDF for DH6-LC |

#### Spare Parts

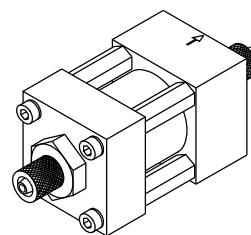
|                     |                         |
|---------------------|-------------------------|
| DT 100 SPARE BOTTLE | spare bottle for DT 100 |
|---------------------|-------------------------|

**FILTER**

| Order No.  | Description                                                                      |
|------------|----------------------------------------------------------------------------------|
| FILTER 25  | box with 20 filter inserts of pure glass fibre; 25 mm (as used in older BMT 964) |
| FILTER 25G | box with 5 filter inserts of porous PTFE ("GOLD" filters); 25 mm                 |
| FILTER 50  | box with 20 filter inserts; 50 mm; for SGF 50 (as used in older BMT 965 C/OG)    |
| FILTER 50G | box with 5 filter inserts of porous PTFE ("GOLD" filters); 50 mm; for SGF 50G    |
| FILTER SS1 | filter insert for SS1 (two pieces); PTFE                                         |

**SS1**

sample system; gas filter + flow resistance



SS1

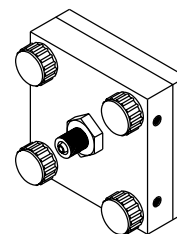


Data Sheet

| Order No. | Description                    |
|-----------|--------------------------------|
| SS1 3x5   | fittings for 3x5 mm FEP tubing |
| SS1 4x6   | fittings for 3x5 mm FEP tubing |

**SGF 50**

sample gas filter; diameter 50 mm; for filters of pure glass fibre; anodised aluminium; SS; mounting holes M4; with 20 filter inserts



SGF 50



Data Sheet

| Order No.  | Description                                  |
|------------|----------------------------------------------|
| SGF 50 3x5 | <sup>1</sup> fittings for 3x5 mm PTFE tubing |
| SGF 50 4x6 | <sup>1</sup> fittings for 4x6 mm PTFE tubing |

**SGF 50G**

sample gas filter; diameter 50 mm; for filter inserts of porous PTFE ("GOLD" filters); golden anodised; SS; mounting holes M4; with 5 filter inserts

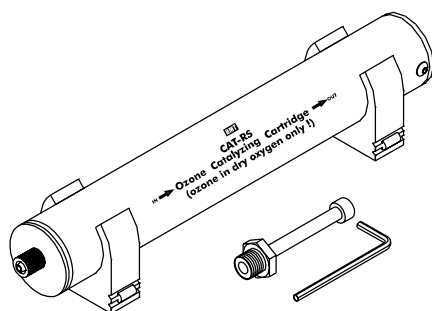
| Order No.   | Description                                 |
|-------------|---------------------------------------------|
| SGF 50G 3x5 | <sup>1</sup> fittings for 3x5 mm FEP tubing |
| SGF 50G 4x6 | <sup>1</sup> fittings for 4x6 mm FEP tubing |

<sup>1</sup> These filter holders are not suitable as spare parts in BMT instruments! Please ask.

## SGF 50G UPGRADE KIT

filter holder replacement (removable part, black or grey) for upgrade of BMT 964 C/OG with 50 mm glass fibre filter insert to porous PTFE

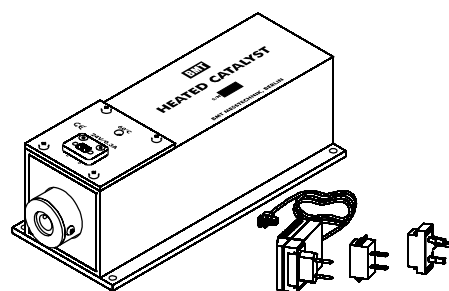
| Order No.                    | Description                                          |
|------------------------------|------------------------------------------------------|
| SGF 50G UPGRADE KIT<br>3x5   | fittings for 3x5 mm FEP tubing                       |
| SGF 50G UPGRADE KIT<br>4x6   | fittings for 4x6 mm FEP tubing                       |
| SGF 50G UPGRADE KIT<br>SL1/4 | fittings for 1/4" LET-LOK (Swagelok interchangeable) |
| SGF 50G UPGRADE KIT<br>SL1/8 | fittings for 1/8" LET-LOK (Swagelok interchangeable) |
| SGF 50G UPGRADE KIT<br>SL6   | fittings for 6 mm Swagelok                           |



CAT-RS



Data Sheet



HEATED-CAT

## CAT-RS

catalysing cartridge; OD 30x200 mm; SS; to be refilled by the user; outlet G 1/8; internal dust filters; REFILL-RS included

Attention: Warranty is restricted to O<sub>3</sub> in pure dry oxygen

| Order No.    | Description                                         |
|--------------|-----------------------------------------------------|
| CAT-RS 3x5   | fitting for 3x5 mm FEP tubing                       |
| CAT-RS 4x6   | fitting for 4x6 mm FEP tubing                       |
| CAT-RS SL1/4 | fitting for 1/4" LET-LOK (Swagelok interchangeable) |
| CAT-RS SL1/8 | fitting for 1/8" LET-LOK (Swagelok interchangeable) |

### Spare Parts

|           |                                        |
|-----------|----------------------------------------|
| REFILL-RS | Carulite 200 material to refill CAT-RS |
|-----------|----------------------------------------|

## CAT OUTLET FIT

outlet fitting for CAT-RS and CAT-35; with FPM O-ring

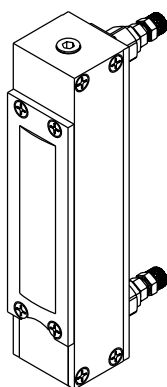
| Order No.            | Description                                         |
|----------------------|-----------------------------------------------------|
| CAT OUTLET FIT 3x5   | fitting for 3x5 mm FEP tubing                       |
| CAT OUTLET FIT 4x6   | fitting for 4x6 mm FEP tubing                       |
| CAT OUTLET FIT SL1/8 | fitting for 1/8" LET-LOK (Swagelok interchangeable) |
| CAT OUTLET FIT SL1/4 | fitting for 1/4" LET-LOK (Swagelok interchangeable) |
| CAT OUTLET FIT SL6   | fitting for 6 mm Swagelok                           |

## HEATED-CAT

CAT-RS; electrically heated to 60°C; for 24 VDC; wall mount power supply for 100 - 240 VAC included

| Order No.      | Description                   |
|----------------|-------------------------------|
| HEATED-CAT 3x5 | fitting for 3x5 mm FEP tubing |
| HEATED-CAT 4x6 | fitting for 4x6 mm FEP tubing |

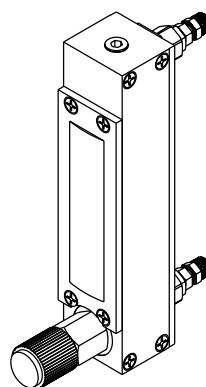
## Ozone Accessories: Flow Meters



FM 114



Data Sheet



FMT 114



Data Sheet

### FM 114

flow meter; glass; SS; FFKM

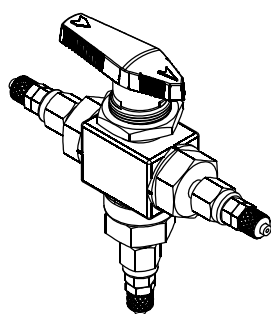
| Order No.     | Description                                       |
|---------------|---------------------------------------------------|
| FM 114-5 3x5  | 0.04 to 0.5 l/min; fittings for 3x5 mm FEP tubing |
| FM 114-5 4x6  | 0.04 to 0.5 l/min; fittings for 4x6 mm FEP tubing |
| FM 114-10 3x5 | 0.1 to 1.0 l/min; fittings for 3x5 mm FEP tubing  |
| FM 114-10 4x6 | 0.1 to 1.0 l/min; fittings for 4x6 mm FEP tubing  |

### FMT 114

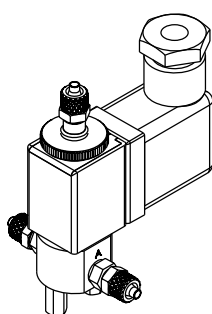
flow meter; with throttle valve; glass; SS; FFKM

| Order No.      | Description                                       |
|----------------|---------------------------------------------------|
| FMT 114-5 3x5  | 0.04 to 0.5 l/min; fittings for 3x5 mm FEP tubing |
| FMT 114-5 4x6  | 0.04 to 0.5 l/min; fittings for 4x6 mm FEP tubing |
| FMT 114-10 3x5 | 0.1 to 1.0 l/min; fittings for 3x5 mm FEP tubing  |
| FMT 114-10 4x6 | 0.1 to 1.0 l/min; fittings for 4x6 mm FEP tubing  |

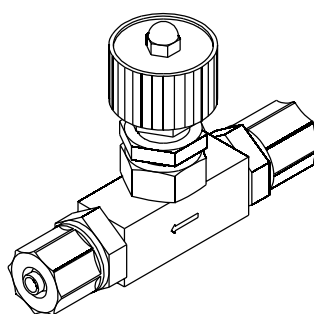
## Ozone Accessories: Valves



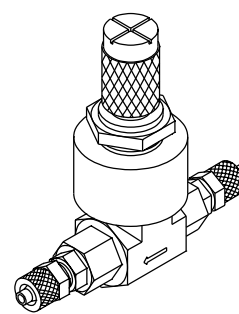
BVM-3



SVDC 24



THV-P



THV-F

### BVM-3

3-way ball valve; manually operated; SS

| Order No. | Description                    |
|-----------|--------------------------------|
| BVM-3 3x5 | fittings for 3x5 mm FEP tubing |
| BVM-3 4x6 | fittings for 4x6 mm FEP tubing |

### SVDC

solenoid valve; 24 VDC, 6 W with plug; SS

| Order No.                | Description                                            |
|--------------------------|--------------------------------------------------------|
| SVDC 24 3x5 <sup>2</sup> | 3-way; fittings for 3x5 mm FEP tubing                  |
| SVDC 24 4x6 <sup>2</sup> | 3-way; fittings for 4x6 mm FEP tubing                  |
| SVDC 24 2/2 NC 3x5       | 2-way; normally closed; fittings for 3x5 mm FEP tubing |
| SVDC 24 2/2 NC 4x6       | 2-way; normally closed; fittings for 4x6 mm FEP tubing |

#### Accessories

|           |                                                                                 |
|-----------|---------------------------------------------------------------------------------|
| SVDC Plug | electric connector                                                              |
| SVAC-PWR  | 24 VDC power supply; to operate SVDC 24 at 100 - 240 VAC, 15 W; screw terminals |

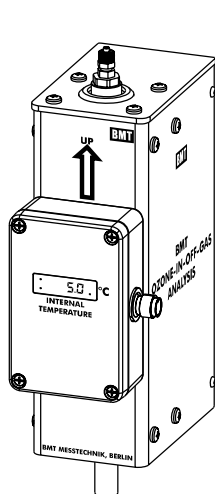
### THV

throttle valve

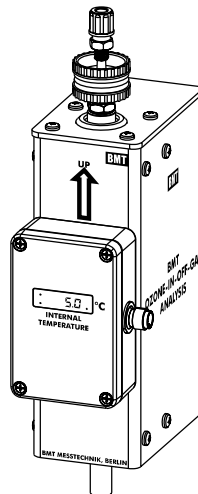
| Order No.   | Description                                                       |
|-------------|-------------------------------------------------------------------|
| THV-P 3x5   | for PRESS (bypass) configuration; fittings for 3x5 mm FEP tubing  |
| THV-P 4x6   | for PRESS (bypass) configuration; fittings for 4x6 mm FEP tubing  |
| THV-P SL6   | for PRESS (bypass) configuration; fittings for 6 mm Swagelok      |
| THV-F 3x5   | fine tuning; fittings for 3x5 mm FEP tubing                       |
| THV-F 4x6   | fine tuning; fittings for 4x6 mm FEP tubing                       |
| THV-F SL1/8 | fine tuning; fittings for 1/8" LET-LOK (Swagelok interchangeable) |

<sup>2</sup> The above solenoid valve is not suitable as spare part in BMT instruments! Please ask.

## Ozone Accessories: SAMPLE GAS DEHUMIDIFIER DH6 & DH6-LC



DH6



DH6-LC



Data Sheet

| Order No. | Description |
|-----------|-------------|
|-----------|-------------|

|     |                                                                                              |
|-----|----------------------------------------------------------------------------------------------|
| DH6 | sample gas dehumidifier used for high ozone concentration;<br>peltier-electric; splash proof |
|-----|----------------------------------------------------------------------------------------------|

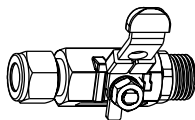
please order only one **fitting (out)** option:

|  |          |                                             |
|--|----------|---------------------------------------------|
|  | standard | fitting for 4x6 mm FEP tubing               |
|  |          | fitting for 3x5 mm FEP tubing               |
|  |          | fitting for 1/4" (Swagelok interchangeable) |
|  |          | fitting for 6 mm Swagelok                   |

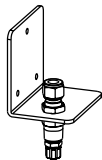
please choose only one **power** supply:

|  |                                                                             |
|--|-----------------------------------------------------------------------------|
|  | OFF-GAS ANALYSER BMT 965 OG with 3 m, 5 m or 10 m<br>cable (please specify) |
|  | external power supply 100 - 240 VAC                                         |

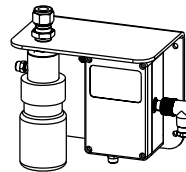
|        |                                                                                                                                                                                                         |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DH6-LC | version to be used at low (ambient) ozone concentration; internal<br>PTFE lining; outlet fitting for 1/4" or 4x6 mm FEP tubing; incl.<br>particle filter and power supply 100 - 240 VAC to 24 VDC, 40 W |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



SOBV



DH6-BRACKET



DH6-CR



DT 100

### Mounting Options

|             |                                                                                                                                                                                           |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SOBV        | shut-off ball valve; mounting option for DH6 and DH6-LC                                                                                                                                   |
| DH6-BRACKET | bracket with fitting for DH6 and DH6-LC; only use if a direct<br>mounting (recommended) of the DH6/DH6-LC on the process is<br>not possible; fitting for 8x10-G1/4" (Al sealing included) |
| DH6-CR      | condensate removal; only use if a direct mounting (recommended)<br>of the DH6/DH6-LC on the process is not possible                                                                       |
| DT 100      | DT 100 for laboratory applications (see page 18)                                                                                                                                          |



| Order No. | Description |
|-----------|-------------|
|-----------|-------------|

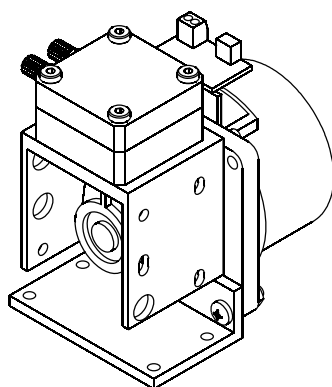
**Accessories**

|         |                                                                                                                            |
|---------|----------------------------------------------------------------------------------------------------------------------------|
| TU 8x10 | FEP tubing for DH6-BRACKET; 8x10 mm; transparent (max. recommended length: 2 m; condensation must be able to drain freely) |
|---------|----------------------------------------------------------------------------------------------------------------------------|

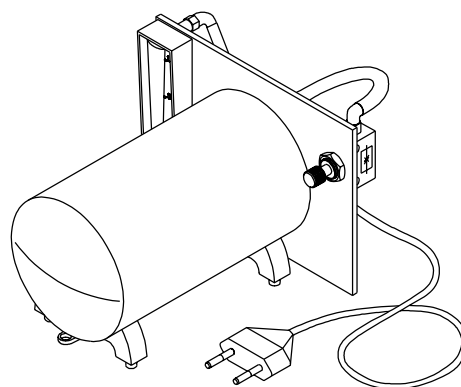
**Spare Parts**

|                           |                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------|
| DH6-LC FILTER HOLDER      | filter holder for DH6-LC; with filter insert; outlet fitting for 1/4" or 4x6 mm FEP tubing |
| DH6 cable 3m              | cable connecting BMT 965 OG with DH6; length 3 m                                           |
| DH6 cable 5m              | cable connecting BMT 965 OG with DH6; length 5 m                                           |
| DH6 cable 10m             | cable connecting BMT 965 OG with DH6; length 10 m                                          |
| POWER SUPPLY DH6 / DH6-LC | power supply 100 - 240 VAC to 24 VDC for DH6 and DH6-LC                                    |

## Ozone Accessories: Pumps



SGP5-DC



SPOF

### SGP5-DC

sample gas pump; ozone-resistant; 24 VDC, 1 A; performance: 0.5 l/min at  $\Delta p = 0$  and 0.35 l/min at  $\Delta p = 100$  mbar

| Order Number | Description                    |
|--------------|--------------------------------|
| SGP5-DC 3x5  | fittings for 3x5 mm FEP tubing |
| SGP5-DC 4x6  | fittings for 4x6 mm FEP tubing |

#### Accessories

|               |                                                    |
|---------------|----------------------------------------------------|
| SGP5-DC-POWER | 24 VDC wall mount power supply for 100 - 240 VAC   |
| Powerbank     | powerbank option available, contact us for details |

#### Spare Parts

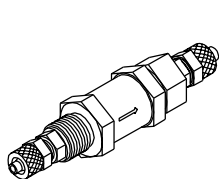
|            |                                                      |
|------------|------------------------------------------------------|
| SGP5-SPARE | spare parts kit for SGP5 (membrane, valves, O-rings) |
|------------|------------------------------------------------------|

### SPOF

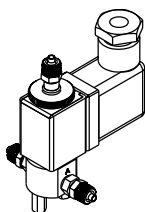
sample pump (suction pump) for ozone-free sample gas; 0 - 1 l/min; 100 - 240 VAC

| Order Number | Description                    |
|--------------|--------------------------------|
| SPOF 3x5     | fittings for 3x5 mm FEP tubing |
| SPOF 4x6     | fittings for 4x6 mm FEP tubing |

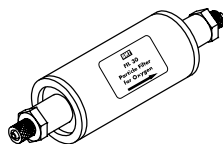
## Ozone Accessories: Generator Accessories



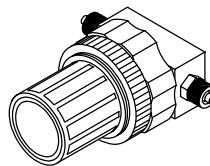
CHV



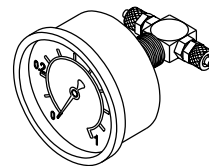
SOVDC



FIL30



OPR



PG

### CHV

check valve; approx. 25 mbar; ozone-resistant

| Order Number | Description                                          |
|--------------|------------------------------------------------------|
| CHV 3x5      | fittings for 3x5 mm FEP tubing                       |
| CHV 4x6      | fittings for 4x6 mm FEP tubing                       |
| CHV SL1/8    | fittings for 1/8" LET-LOK (Swagelok interchangeable) |
| CHV 4x6-FFKM | fittings for 4x6 mm FEP tubing; FFKM sealing         |

### SOVDC

oxygen safety off valve NC; coil 24 VDC, 5 W

| Order Number | Description           |
|--------------|-----------------------|
| SOVDC-24 3x5 | for 3x5 mm FEP tubing |
| SOVDC-24 4x6 | for 4x6 mm FEP tubing |

### FIL 30

oxygen filter

| Order Number | Description                         |
|--------------|-------------------------------------|
| FIL 30 3x5   | oxygen filter for 3x5 mm FEP tubing |
| FIL 30 4x6   | oxygen filter for 4x6 mm FEP tubing |

### OPR

oxygen pressure regulator

| Order Number | Description                                  |
|--------------|----------------------------------------------|
| OPR 10 3x5   | 0 - 1 barg; fittings for 3x5 mm FEP tubing   |
| OPR 10 4x6   | 0 - 1 barg; fittings for 4x6 mm FEP tubing   |
| OPR 25 3x5   | 0 - 2.5 barg; fittings for 3x5 mm FEP tubing |
| OPR 25 4x6   | 0 - 2.5 barg; fittings for 4x6 mm FEP tubing |

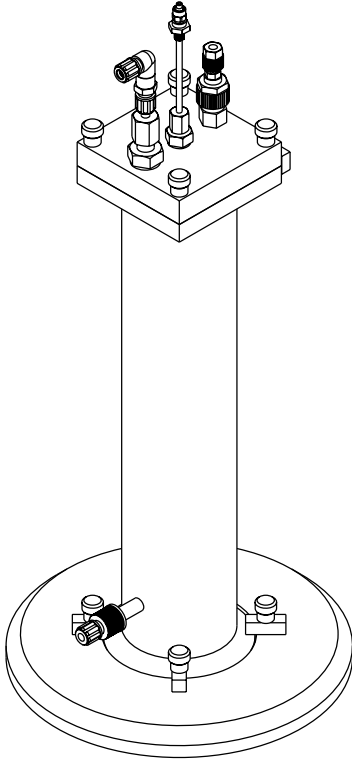
### PG

oxygen pressure gauge; 50 mm OD

| Order Number | Description                                                |
|--------------|------------------------------------------------------------|
| PG 10 3x5    | 0 - 1 barg; with 2 fittings for 3x5 mm FEP tubing; clamp   |
| PG 10 4x6    | 0 - 1 barg; with 2 fittings for 4x6 mm FEP tubing; clamp   |
| PG 25 3x5    | 0 - 2.5 barg; with 2 fittings for 3x5 mm FEP tubing; clamp |
| PG 25 4x6    | 0 - 2.5 barg; with 2 fittings for 4x6 mm FEP tubing; clamp |

## Ozone Accessories: Ozone in Water Accessories

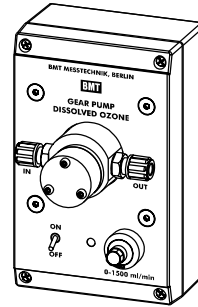
### BMT BUBBLE COLUMN 4.1



BMT BUBBLE COLUMN 4.1



Data Sheet



BMT GEAR PUMP



Data Sheet

| Order Number | Description |
|--------------|-------------|
|--------------|-------------|

|                       |                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|
| BMT BUBBLE COLUMN 4.1 | bubble column for ozonizing water; capacity of about 1.4 litres; gas inlet fitting for 4x6 mm FEP tubing; two diffusers included |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|

#### Accessories

|               |                                                                                                                                              |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| BMT GEAR PUMP | ozone-resistant fluid pump; up to 1.5 l/min; with 24 VDC, 50 W desktop power supply for 100 -240 VAC; fittings for 1/4" or 4x6 mm FEP tubing |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------|



If you have any further questions, do not hesitate to contact us.

We will find a solution to your problem.