

Micro Pump

for Micro III and Micro IV



- Easily attachable
- Excellent performance
- Up to 8 hours continuous operation
- Power supplied by 2 AA batteries

Pump for Micro III and Micro IV



Micro Pump

Exclusive pump, simple operation

The Micro Pump is a small and compact supplement module for the Micro III and Micro IV. It slides on the Micro III or Micro IV directly. The pump allows sampling from a potentially hazardous atmosphere remotely.

Application and use

The Micro Pump in combination with a Micro III or Micro IV allows remote sampling from a personal protection instrument. It draws the gas sample along the inlet to the sensor. For this purpose a hose is connected, which ends in the room from where the sample will be taken (e.g. confined space). Additionally the Micro Pump triggers an optical alarm when the gas flow is too low or an internal fault occurs. The pump is independently powered by 2 AA batteries and does not compromise the operational time of the Micro III or Micro IV.



Micro Pump and Micro III



Micro III with attached pump

Rooms or confined spaces can be checked before entering. Turning on and off takes place by a simple button push.

Micro Pump

Pump performance:

0.50 l/min at 0 mm water column
0.40 l/min at 200 mm water column
0.35 l/min at 350 mm water column

Alarm:

visual battery alarm, visual alarm for insufficient flow

Run time:

up to 8 hours continuous operation (depending on load) or up to 2 years when turned off

Temperature range:

-20°C .. +55°C for operation
-25°C .. +55°C for storage

Power supply:

2 AA batteries type
Duracell Procell MN1500 LRG AA 1.5 V

Operation:

one button operation

Enclosure:

Polycarbonate, metallised

Weight:

97 g

Dimensions:

43 x 92 x 32 mm (WxHxD)

Protection:

IP40

Indication:

Green LED

Ex-protection:

Ex II 2G EEx ia IIC T4 resp. T3
-20°C < Ta < +45°C / +55°C, CE0158

EC-type examination certificate:

DMT 03 ATEX E 072 X

Technical Data



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