Technical specifications:
G400-MP2

Pump performance
- 0.50 l/min for 0 mm water column
- 0.35 l/min for 300 mm water column
- max. 100 m hose length (depending on gas and hose)

Gas supply
- Sampling inlet during pump mode or
- Diffusion inlet when pump is turned off

Display and alarm
- Messages appear in the display of the Microtector II.
- Acoustic and visual alarms will be triggered by means of the Microtector II.
- Vibration alarm (optionally) integrated in the battery pack.

Power supply
1. NiMH battery module A21 (colour: black), 2100mAh rechargeable
2. NiMH battery module F25 (colour: black), 2500mAh rechargeable
   Im=600mA (max. charging current)
   Um=6V DC (max. voltage) or
3. Alkaline battery module (colour grey), non-rechargeable
   with 2x Mignon 1,5V  Type: DURACELL PROCELL MN1500 LR6 AA or
   INDUSTRIAL BY DURACELL ID1500 AA (LR6)

Operational time
- Pump on:
  - > 9 h (NiMH battery pack F25)
  - approx. 9 h (NiMH-II battery pack A21)
- Pump off:
  - approx. 10 h (Alkaline batteries)
  - approx. 10 days (Gas Detector ON)
  - approx. 200 days (Gas Detector OFF)

Climatic conditions
- for operation: -10...+55°C | 5...95% r.h.
- for storage: -25...+55°C | 5...95% r.h. (recommended 0...+30°C)

Housing
- Material: rubberised plastic
- Dimensions: 68 x 109 x 21 (57) mm (W x H x D)
- Weight: 180 g with alkaline battery pack or 195 g with NiMH battery pack
- Protection class: IP40

Approvals / Tests
- Markings and ignition protection types:
  - EU II 2G Ex ia IIC T4 for NiMH-II (black)
  - Ex ia IIC T3 for NiMH (black)
  - Ex ia IIC T4/T3 for Alkaline (grey)
  - I M1 Ex ia I Ma

- EU Type Examination Certificate: BVS 07 ATEX E D11 (without measuring function)
- Electromagnetic compatibility: DIN EN 50270:2006
  - Interference emission: Type class I
  - Interference immunity: Type class II
- Production monitoring: Č E 0158 (by notified test centre – DEKRA EXAM GmbH)