

Medical Gas Consumption and Counting

Application note A064-ME09-0916A



Our MASS-STREAM mass flow meters and controllers are available for flow ranges from 10 ... 200 ml_n/min up to 500 ... 5000 l_n/min Air equivalent. The majority of instruments for gas consumption measurement are sold with our optional multi-functional display.

This application notes features improved management of medical gas consumption.



MASS-STREAM Series D-6300

◆ Hospital

Medical applications

On primary networks

- ◆ Separated invoicing for hospital/clinics/laboratories departments sharing the same source of medical gas
- ◆ Monitoring and consumption data acquisition
- ◆ Leaks detection on gas line, on safety vent and on medical gas source

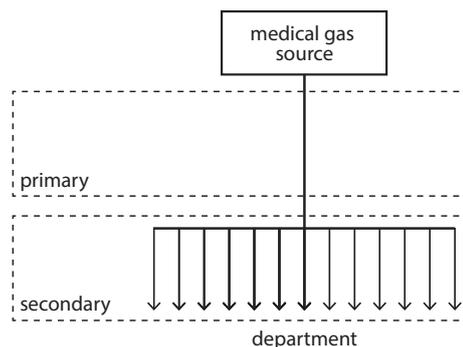
On secondary networks

- ◆ Independent gas consumption invoicing between the health institution departments
- ◆ Overconsumption and leak detection

Fields of application

- ◆ Hospital institutions and clinical installations
- ◆ Gas consumption and distribution
- ◆ Research laboratory
- ◆ Pharmaceutical industry
- ◆ Leakage detection in gas lines

Process information



Schematic drawing

Material features

- ◆ Wetted part: stainless steel 316 and EPDM
- ◆ Standard degreased instrument (for all gases)
- ◆ Electromagnetic compatibility (CE labelling)
- ◆ Thru-flow measurement (no by-pass)
- ◆ No moving parts inside
- ◆ Optional fittings in stainless steel
- ◆ Optional display

Available gases

- ◆ Medical air
- ◆ Nitrogen N_2
- ◆ Oxygen O_2
- ◆ Nitrous Oxide N_2O
- ◆ Carbon Dioxide CO_2
- ◆ ...

Contact information



Gas Consumption

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ME: Medical
09: Other Medical Applications

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