

HIGH PRECISION GAS MIXING SYSTEM

- Easy and immediate use of any O2, CO2 and N2 gas concentration
- Compatible with inexpensive primary gas supply (pure O2, CO2, N2 required) – no precision gas cylinders for individual gas concentrations
- Immediate availablility after configuration
- Primary and secondary pressure flucations compensated by microcontroller-controlled timing
- Serial interface available

RESEARCH DEVELOPMENT SENSOR EVALUATION

Combination of the HP-GMS with the TM8000 Film Tonometer offers the perfect prerequisite for determining the characteristics of sensors in liquid media

With external control of the HP-GMS via PC, experimental data can be determined and recorded automatically. MEDICAL SOLUTIONS

CONTACT office@medicalsolutions-list.com

TECHNICAL SPECIFICATIONS

Power Supply

Power Consumption

Electrical Safety Class

Primary Gas Connectors

Secondary Gas Connector (outlet)

Display

Warm-up Time

Serial Interface

Primary Gas Pressure

Secondary Flow Resistance

Secondary Gas Flow

O2-Setting Range

CO2-Setting Range

Precision

Ambient Conditions

Dimensions WxDxH:

230V AC 50Hz or 115V AC 60Hz

200VA (max.)

Ι

PUN 4 x 0.75

Brass nipple 1.8mm od

VFD Display 2 x 20 Characters

10 Minutes (typically)

RS232 (RS232-USB Adapter – optional)

4.0 ±0.25 bar (relative)

200 mbar (relative)

80 ± 5 cc/min [Ncc/min]

1.0% - 99.0% (steps of 0.1%)

1.0% - 99.0% (steps of 0.1%)

0.1%, absolute

15°C – 30°C, humidity 80% (relative)

350 x 340 x 190 mm

Weight

12 kg