



MiniLec[®] 4



MiniLec[®] 4

Measuring instrument for preliminary test, main test and test of working order in accordance with TRGI as well as regulator inspection



test connectors



printer with infrared reception

MiniLec® 4

Features

- ▶ two equipment variants available:
 - ▶ with preliminary test (fully equipped)
 - ▶ without preliminary test
- ▶ operating modes:
 - ▶ test of working order, main test, preliminary test
 - ▶ regulator inspection with static pressure, dynamic pressure, safety shut-off reaction pressure, zero-shut off and inspecting low flow safety shut-off
- ▶ simple handling by three keys
- ▶ instrument firmware divided in:
 - ▶ user menu
 - ▶ function menu for individual instrument configuration (protected by PIN code)
- ▶ infrared interface (IrDA) for
 - ▶ documentation on site (print-out on mobile printer)
 - ▶ data transmission on site to mobile computer
- ▶ instrument firmware available in several languages
- ▶ PC software for comfortable documentation and archiving of data
- ▶ test of working order:
 - ▶ simultaneous display of pressure and flow
- ▶ adjusted for CH₄, C₃H₈, C₄H₁₀, H₂, town gas and air

MiniLec® 4 with infrared transmitter



hoses with different connections



Measuring Ranges

- ▶ **test of working order:**
 - ▶ flow sensor:
 - 0 ... 10 l/h (resolution: 0.1 l/h), accuracy: 0.1 l/h resp. 5 % of measured value
 - ▶ pressure sensor:
 - 0 ... 200 mbar (resolution: 0.1 mbar) accuracy: +/-0,5 % end of measuring range temperature drift: 0,12 mbar/K
- ▶ **main test/regulator inspection:**
 - 0 ... 200 mbar (resolution: 0.1 mbar) accuracy: +/-0,5 % end of measuring range temperature drift: 0,12 mbar/K
- ▶ **preliminary test:**
 - 0 ... 2 bar (resolution: 0.001 bar/1 mbar) accuracy: +/-0,5 % end of measuring range temperature drift: 0,12 mbar/K

Technical Data

operating time:	approx. 20 hours
charging time:	14 hours
power supply:	3 Mignon NiMH accumulators or 3 Mignon primary cells
protection type:	IP 54
operating temperature:	-10 °C ... +40 °C
storage temperature:	-20 °C ... +70 °C
humidity range:	0 ... 90 % r. h., non-condensing
weight:	300 g
dimensions (W x H x D):	60 x 144 x 55 mm

Accessories

charging technique	mobile computer
carrying case	hoses
leather bag	test connectors
mobile printer	test sets