

Datasheet Traqc-8 XP2i



- ✓ Built-in rechargeable high pressure gas volume
- ✓ Digital pressure gauge
- ✓ High accuracy, $\pm 0.02\%$ F.S.
- ✓ SS 316 high pressure tubing and fittings
- ✓ Over pressure protection
- ✓ Separate analogue monitor gauges for charge and regulated pressures
- ✓ Battery with integrated charger

The digital pneumatic portable calibrator Traqc-8 is designed for the supply and measurement of high pneumatic pressures. The Traqc-8 can be used for calibrating and testing high pressure transmitters, pressure switches, safety valves, etc. The built-in high pressure gas bottle and battery make it possible to use this test unit at all locations, independent of any external pressure source or mains supply.

Once the instrument to be tested/ calibrated is connected to the test connection, the maximum test pressure can be set by means of the high precision pressure regulator. The set pressure can be read on the monitor gauge. Two needle valves are used for fine adjustment of the pressure. The test pressure is indicated on the digital display.

About Tradinco Instruments

Tradinco Instruments provides the best solution for every test, measurement and calibration challenge in the industry.

Our brand promises:

- ✓ Skilled specialists
- ✓ Customer focus
- ✓ Broad portfolio
- ✓ Long-term partnership

Technical specifications

Accuracy	0 to 20% of Range: \pm (0.02% of Full Scale*) 20% to 110% of Range: \pm (0.1% of Reading) All stated accuracies include linearity, hysteresis and repeatability
Operating temperature	-10 to 50°C
Storage temperature	-40 to 75°C
Monitor gauges	2 Analogue 63 mm monitor gauges in the front panel, indicating the: * Bottle pressure: 0-200 bar * Regulated pressure; see ranges
Integrated gas volume	2-liter capacity, maximum working pressure 200 bar, complete with overpressure relief valve
Regulator	Model 8810 accordance with the range of the digital pressure gauge, max. pressure 350 barg
Sensor range	Ranges: 20, 30, 70 , 140, 200 and 300 barg (others on request)
Needle valves	Fine control valves with soft seat and tight shut-off
Connections	2 Test connections plus 1 filling connection: Minimes 1215, quick connect couplings
Connection piece	For connection of the filling hose to a nitrogen/ air bottle, standard RU-3
Test hose	Minimes 1215 , length 1.5 meters 1/4" NPT male coupling
Filling hose	Minimes 1215, length 1.5 meters + Ru-3 connector
Overpressure protection	Pressure limiting valve
Tubing and fittings	Material SS316
Housing	Aluminium case with detachable lid
Dimensions and weight	405 x 295 x 255 mm (l x w x h), approx. 14 kg
Display	16.9 mm high
Resolution	5.5 digits
Display units	Selectable depending pressure range: bar, mbar, kPa, MPa, psi inH ₂ O, inHg, kg/cm ²
Power	Battery operated. Three size AA (LR6) batteries, 1500 hours, typical
Peak functions	Minimum and maximum pressures
Data logger	32000 points
Certification	According directive 2014-68-EU, article 4 paragraph 3
Standard scope of supply	Traqc-8 XP2i, Minimes 1215 1.5 meters test hose, Minimes 1215, filling hose length 1.5 meters, manual and calibration certificates for pressure
Options / Accessories	- Integrated volume regulator for very precise setting of output pressure - High pressure connection set 10 – 400 barg, accredited calibration certificate for pressure range, traceable to international standards

Specifications of the product may be changed without notice