ACCURA 1 has become one of PCL’s best-selling handheld inflation products, and has made a worldwide reputation for fast, accurate and trouble-free inflation and deflation. Suitable for tyreshops, garages, car dealers and transport depots, the lightweight yet robust ACCURA 1 has been built to cope with demanding environments and withstand shock, increasing operating life. Capable of precise measurement with tolerances well above the industry standard EC 86/217, ACCURA 1 enables the operator to provide accurate pressures cost effectively, so tyre users can reap the rewards of extended tyre life, increased fuel economy and improved safety.
Key benefits
For the Tyre Changer:
• Reduced usage times – driven by the simplicity of use and clear display
• Reduced operating costs – fast inflation and deflation rates
• Increased customer service – high levels of speed, accuracy and safety
• Reduced cost of ownership – long product life
• High versatility – flexible usage
• Guaranteed accuracy – individual testing

For the Tyre User/Fleet Manager
Accurate tyre pressures give:
• Extended tyre life
• Increased fuel economy
• Increased safety and reduced tyre-related incidents

Key features
• Robust electronic design
• Ceramic sensor
• Clear and easy to read digital display
• Modern, lightweight and shock resistant construction
• Proprietary software increasing accuracy, fine metering and eliminating the chance of false readings
• Direct valve design increasing inflation and deflation rates
• Individually tested and certified
• Built in swivel and hanging device
• Over-pressure warning if pressure exceeds 12bar / 174PSI / 1200kPa
• Long life battery
• Low battery warning light
• Bar, PSI and kPa versions and range of accessories

Specifications
Dimensions
L x W: 250 mm x 110 mm (9.84” x 4.33”)
Weight: 0.35 kg (0.77 lb)

Environmental
Temperature range:
Operating: -20 °C to 60 °C
Storage: -30 °C to 80 °C
Humidity Range: Up to 95% RH non-condensing

Electrical Interface
Voltage:
Nominal: 3.0 volts
Min: 2.6 volts when LO
Max: 3.6 volts
Battery: 1 x Replaceable 3v coin cell Lithium type battery CR2450
Battery Life: In normal working environment over 950 hours

Pressure Measurement
Accuracy Exceeds EC Directive 86/217
Reading Accuracy: 0.01bar / 0.2PSI / 1kPa
Max Inlet Pressure: 15 bar / 218 PSI / 1500 kPa
Inflation Range: 0 to 12 bar / 174 PSI / 1200 kPa

Inflation Speeds
Inflation flow: Max 910 l/min @ 13bar Supply

Compliance
Approvals: German: PTB 18.08/06.04

Operational specification
• Low battery warning – “Lo” appears on the screen
• Overpressure warning – display shows “-- -- --”
• Autostart with LCD check on every “wake-up”
• During inflation and deflation software only allows “0.00” until “true” pressure reached

Optional Features
• Hose lengths
• Connector Types
• Range of Calibrations

PCL is the world leader in the design and manufacture of tyre inflation and compressed air products.