

89XDH

Digital Aircraft Tyre Inflator

The Airtec 89XDH is a versatile, accurate automatic digital inflator designed specifically for inflating high pressure tyres used throughout the aviation industry. Utilising Airtec's world-wide proven digital inflation technology the 89XDH boasts an accuracy of $\pm 0.5\%$ full scale, is factory calibrated to ISO/IEC 17025, and is compliant with BS EN 12645 and 86/217/EEC standards. High precision and easy-to-use digital controls eliminate reading errors and safety risks associated with mechanical and hand-held tyre inflators.

The heavy duty and weatherproof die-cast construction is also compact making the 89XDH not only suitable for use in service and maintenance areas, but the unit can be readily fitted to a nitrogen trolley or service cart as a ground support tool. Optional accessories include a Li-ion battery system suitable for mobile applications.

The dual-display LCD screen shows the user the actual tyre pressure and also the set pressure. In addition the screens are backlit for easy operation at any time of day/night.

Furthermore the unit can be factory customised to include pressure preset switches and user-defined colours and decals.

Contact Airtec Corporation for further technical information.

Optional Accessories



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Product Features

- Accurate, high pressure digital inflation up to 305 psi / 21 bar
- Rugged and durable IP66 rated diecast aluminium enclosure
- Piezo control switches
- Dual backlit LCD displays
- Compatible with multiple gases : nitrogen, oxygen and compressed air
- Multitude of smart safety features (low start-up and default to safe pressure settings)
- Supplied with 7.5m steel braided hose assembly
- Calibrated in accordance with ISO/IEC 17025 and supplied with certificate

Technical Specifications

Construction	: Diecast aluminium wall/surface mount enclosure (IP66 rating)
Dimension	: 269W x 285H x 106D mm
Power requirements	: 220V-240VAC (optional 12VDC or 100~120VAC)
Units of measurement	: psi / kPa / bar / kg/cm ²
Maximum supply pressure	: 365 psi / 2500 kPa / 25.0 bar
Operating range	: 10-305 psi, 700-2100 kPa, 0.7-21.0 bar
Accuracy	: $\pm 0.5\%$ FS
Reading Precision	: 1 psi / 0.10 bar / 5 kPa
Operating temperature	: 0°C to +60°C [32°F to 140°F] (without heater) : -20°C to +60°C [-4°F to 140°F] (with heater)



85.9011
Li-ion
Battery System



61.0279
7.5m
Steel Braided Hose



91.0222
Lock-On
Hose Chuck



91.0225
Large Bore
Lock-On Hose Chuck



91.5050
High Pressure
Inflating Connection, H-556