

AIRTEC DIGITAL TYRE INFLATORS



89 MDA

The MDA is designed for use in vehicle workshops and service centres. Suitable for all sizes of pneumatic tyres including trolleys, bicycles, cars and trucks.

- ▶ Safe, accurate and easy to use.
- ▶ Easy to install.
- ▶ High impact resistant enclosure.
- ▶ Supplied with 10m hose kit.

Technical Specifications

Construction	High impact polycarbonate enclosure (IP66)
Dimension	220 W x 220 H x 100 D mm
Power requirements	220V-240VAC (optional 12VDC or 100~120VAC)
Units of measurement	psi / kPa / bar / kg/cm ²
Operating range	5-145 psi / 35-1000 kPa / 0.3-10.0 bar / 0.4-10.2 kg/cm ²
Accuracy	+/- 0.5% FS

89 XDA/XDD



XDA is a heavy duty automatic digital tyre inflator suitable for a wide range of tyre inflation applications including service centres and petroleum forecourts. The XDD is a dual display tyre inflator. The top display shows the set pressure and the bottom display shows the actual tyre pressure during inflation.

- ▶ Fast and accurate digital inflation up to 145 psi / 10 bar
- ▶ Supplied with 10m hose kit
- ▶ Rugged and durable IP66 rated diecast aluminium enclosure
- ▶ Stainless steel switches (piezo switches as an option)

Technical Specifications

Construction	Diecast aluminium wall / surface mount enclosure (IP66)
Dimension	269 W x 285 H x 106 D mm
Power requirements	220V-240VAC (optional 12VDC or 100~120VAC)
Units of measurement	psi / kPa / bar / kg/cm ²
Operating range	5-145 psi / 35-1000 kPa / 0.3-10.0 bar / 0.4-10.2 kg/cm ²
Accuracy	+/- 0.5% FS

89 XDB/XDE



The XDB Automatic Tyre Inflator incorporates a high flow 1/2" valve capable of delivering in excess of 4,000 litres/min (141 cfm) at a maximum of 10 bar / 145 psi pressure. The heavy duty, weatherproof and vandal resistant enclosure makes it ideal choice for any indoor or outdoor application which requires a high flow rate. Used with a 4-way manifold kit, XDB is able to inflate multiple tyres simultaneously, maximising inflation productivity. It is available in a dual display model, XDE.

- ▶ High flow and high pressure inflation up to 145 psi / 10 bar.
- ▶ Rugged and durable IP66 rated diecast aluminium enclosure
- ▶ Suitable for use with standard or large bore valves and core extraction tool

Technical Specifications

Construction	Diecast aluminium wall enclosure (IP66)
Dimension	269 W x 285 H x 106 D mm
Power requirements	220V-240VAC (optional 12VDC or 100~120VAC)
Units of measurement	psi / kPa / bar / kg/cm ²
Operating range	5-145 psi / 35-1000 kPa / 0.3-10.0 bar / 0.4-10.2 kg/cm ²
Accuracy	+/- 0.5% FS

89 TR4



The Nitrogen trolley offers a portable standalone solution for Nitrogen filling of tyres. The rugged mobile design system enable ease of use in motor racing pits, workshops, fleet control, tyre stores, lube shops and auto dealerships. Using an industry standard bottle as a source and operating on a rechargeable battery, the unit can fill more than 100 typical passenger car tyres with nitrogen. the battery life is extended by an automatic power off function. In typical use the unit will only have to be recharges ever few days a high capacity NiMH batteries are used.

Our specially developed Nitrogen filling and purging software makes Nitrogen conversion faster and easier Nitrogen filling has become a profit centre for tyre shops and workshops around the world. Our extensive range of products can offer a solution for every tyre inflation requirement.

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AIRTEC DIGITAL TYRE INFLATORS FOR AVIATION



89 XDH

The Airtec 89XDH is a versatile and accurate digital inflator designed specifically for inflating high pressure tyres used by the aviation industry. Utilising Airtec's proven digital inflation technology, the 89XDH boasts an accuracy of +/- 0.5% full scale, is factory calibrated to ISO/IEC 17025 and 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 handheld tyre inflators.

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

- ▶ Safe, accurate and easy to use
- ▶ Accurate and high pressure digital inflation up to 305 psi / 21 bar
- ▶ Supplied with 7.5m steel wire braided hose
- ▶ Vandal resistant piezo switches
- ▶ Calibrated in accordance with ISO/IEC 17025 and supplied with certificate

Technical Specifications

Construction	Diecast aluminium enclosure (IP66)
Dimension	269 W x 285 H x 106 D mm
Power requirements	220V-240VAC (optional 12VDC or 100~120VAC)
Units of measurement	psi / kPa / bar
Operating range	10-305 psi / 700-2100 kPa / 0.7-21.0 bar
Accuracy	+/- 0.5% FS



89 XHP

The 89XHP100 is designed with a high pressure control valve (up to 100 bar / 1450 psi) and comes equipped with high pressure hoses and a high pressure inflating connection (H-556). The 89XHP's program can be customised to inflate a range of different volume actuators, accumulators and shock absorbers or struts. 89XHP300 is specially designed for inflation pressure up to 280 bar / 4060 psi.

- ▶ Supplied with 10m steel braided hose
- ▶ Vandal resistant piezo switches
- ▶ Customisable preset pressure switches

Technical Specifications

Construction	Diecast aluminium enclosure (IP66)
Dimension	269 W x 285 H x 106 D mm
Power requirements	11-18Vdc / 8-16Vac / 110V-120V, 50 or 60Hz / 220V-240V, 50 or 60Hz
Units of measurement	psi / bar / kPa (MPa)
Operating range	89XHP100 : 50-1450 psi, 3.0-100 bar, 0.3-10 MPa
	89XHP300 : 100-4060 psi, 7.0-280 bar, 0.7-28 MPa
Accuracy	+/- 0.5% FS



DPG

The Airtec Digital Pressure Gauge (89DPG) is a high-accuracy handheld device for measuring tyre pressure of up to 25 bar / 360 psi. It is designed primarily for use in aviation and ground support applications.

The gauge is constructed in a 304 grade stainless steel body and wrapped in a rubber protection jacket with an ergonomically designed handle for comfort and a firm grip. Powered with a long-life rechargeable Lithium-Polymer battery with in-built charging function, the 89DPG is ready for the most demanding ground support requirements.

- ▶ Accurate, precise and reliable digital pressure measurement
- ▶ Robust heavy-duty construction with ergonomic handle
- ▶ Long-life rechargeable Li-ion Polymer battery
- ▶ Battery charge indication



Technical Specifications

Construction	304 stainless steel case with rubber impact protection cover
Weight	1.2 kg (2.65 lbs)
Power requirements	3.7V (supplied with Li-ion rechargeable battery)
Units of measurement	psi / kPa / bar
Measuring range	0-360 psi / 0-2500 kPa / 0-25 bar
Accuracy	+/- 0.5% FS (0-100%)

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