

890DH

Panel-mount Aircraft Tyre Inflation Module

To round-out the mounting options for Airtec's Digital Aircraft Tyre Inflators, the 890DH is a compact, low-profile module designed for integration into a nitrogen cart or service vehicle, and can be fixed either inside an enclosure or to a dedicated frame or mounting panel. The module works in conjunction with a pressure regulator and a relief valve connected to a nitrogen supply to provide superior safety and pressure control.

The 890DH delivers a leap forward in safety, accuracy and usability from traditional mechanical regulator and gauge type controls currently used for aircraft tyre inflation. Significant improvements include pressure set limits, low start-up pressures and default to safe pressure features in addition to Airtec's smart, easy-to-use digital controls and robust electronics.

There is an option for the 890DH to be supplied with a rechargeable high-power Li-Ion battery system in an external easy-to-mount IP66 enclosure to deliver long-life reliable power without having to recharge after each use. The 890DH can be factory customised with a range of additional features such as pressure preset switches.

Please note that the 890DH comes in a kit form and parts are supplied partially loose and needs to be assembled before the unit can be used.

Please contact Airtec Corporation for further technical information.



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Product Features

- Accurate, high pressure digital inflation up to 305 psi / 21 bar
- Smart safety features and customisable settings for improved safety and efficiency
- Piezo control switches as standard
- Large backlit dual LCD displays
- Compatible with multiple gases : nitrogen, oxygen and compressed air
- Optional pressure preset switches
- Calibrated in accordance with ISO/IEC 17025 and supplied with certificate

Technical Specifications

Construction	: Diecast aluminium panel
Module Dimension	: 270W x 270H x 145D mm
Recommended mounting angle	: 45°
Power requirements	: 220V-240VAC (optional 12VDC or 100-120VAC)
Units of measurement	: psi / kPa / bar
Maximum supply pressure	: 365 psi / 2500 kPa / 25.0 bar
Operating range	: 10-305 psi, 700-2100 kPa, 0.7-21.0 bar
Accuracy	: +/- 0.5% FS
Reading Precision	: 1 psi / 0.10 bar / 5 kPa

Optional Accessories



85.9011
Li-ion
Battery System



46.0017
Additional Battery
Pack, 14.8Vdc



61.0279
7.5m
Steel Braided Hose



91.0222
Lock-On
Hose Chuck