

## ODH

### Panel-mount Aircraft Tyre Inflation Module

To round-out the mounting options for Airtec's Digital Aircraft Tyre Inflators, the ODH 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 ODH 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.

The unit is supplied complete 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 ODH can be factory customised with a range of additional features such as pressure preset switches.

Please contact Airtec Corporation for further technical information.



890DH

#### Product Features

- Accurate, high pressure digital inflation up to 305 psi / 21 bar
- Weather-proof front panel with durable steel construction
- 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	: Powder-coated steel enclosure, weather-proof front panel
Module Dimension	: 270W x 270H x 145D mm
Recommended mounting angle	: 45°
Power requirements	: 12-16VDC (supplied via long-life Li-ion battery)
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	: Up to $\pm 0.5\%$ FS
Reading Precision	: 1 psi / 0.10 bar / 5 kPa

#### Optional Accessories



46.0015  
Additional Battery  
Pack 14.4VDC



61.0279  
7.5m  
Steel Braided Hose



91.0222  
Lock-On  
Hose Chuck