



# ON-GUN DIGITAL PRESSURE REGULATOR/ GAUGE

MODEL NO: **ARD01.V2**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to  
instructions

## 1. SAFETY

- ❑ **WARNING!** Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment.
- ❑ **WARNING!** Disconnect the equipment from the air supply before changing accessories, servicing or performing any maintenance.
- ✓ Keep the equipment clean and maintain it in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ❑ **WARNING!** Ensure that the correct air pressure is maintained and not exceeded.
- ✓ Keep air hoses away from heat, oil and sharp edges. Check hoses for wear before each use and ensure that all connections are secure.
- \* **DO NOT** direct air from the air hose at yourself, others or animals.
- \* **DO NOT** operate air tools when tired or under the influence of drugs, alcohol or intoxicating medication.
- ✓ Drain the compressor air tank and the filter bowl daily. Water in the air line will damage your equipment.
- ✓ When work is complete ensure that the air supply is turned off.

## 2. INTRODUCTION

On/Off button with adjustable auto-off function for extended battery life. Small and compact with composite body. Pressure can be displayed in psi, bar, kg/cm<sup>2</sup> or kPa.

## 3. SPECIFICATION

Model no.: ..... ARD01.V2  
Maximum Pressure: ..... 160psi/11bar/11.25kg/cm<sup>2</sup>/1100kPa  
Maximum Flow: ..... 20cfm @ 100psi



## 4. OPERATION

### 4.1. SETTINGS

**NOTE:** Unless set otherwise, the gauge automatically shuts off after 60 seconds. To increase this time, see section 4.3.

- 4.1.1. Press the on/off button once to switch the gauge on or off.
- 4.1.2. Additionally, the on/off button may be used to alter the three function settings.

### 4.2. CHANGING THE FUNCTION SETTING

- 4.2.1. Ensure that the gauge is not under pressure.
- 4.2.2. With the gauge switched on, hold the On button for about 3 seconds, until the display shows '---' then release the button.
- 4.2.3. The display will cycle between 0, 1, 2, and E.
  - [-0-] mode resets the gauge to zero.
  - [-1-] mode resets the automatic shut-off mode.
  - [-2-] mode resets the pressure units.
  - [-E-] resetting is completed when "END" shows in display.
- 4.2.4. Press the button to enter one of the modes.

### 4.3. RESET TO ZERO

- 4.3.1. Ensure that the gauge is not under pressure.
- 4.3.2. Select mode 0 and the display will show 00-.
- 4.3.5. Press the button again and the display will show 000.

4.3.6. Press the button again within 3 seconds and the gauge will reset to zero.

4.3.7. 'End' will display for 2 seconds and the unit will switch off automatically.

#### 4.4. AUTOMATIC SHUT OFF MODE

4.4.1. The default automatic shut off time is 60 seconds.

4.4.2. To change the automatic shut off time, select mode 1 as per instructions as at 4.2.2 and 4.2.3.

4.4.3. The display will cycle between 30, 60 120 and 180 seconds.

4.4.4. Press the button to select the required automatic shut off time.

4.4.5. The selected time will flash 3 times and 'end' will display before the unit switches off.

#### 4.5. PRESSURE UNIT SELECTION MODE

4.5.1. The default pressure unit setting is psi.

4.5.2. To change the pressure units, select mode 2 as at 4.2.2. and 4.2.3.

4.5.3. After selecting mode 2 a dash will appear at the bottom of the display, corresponding to the units displayed (psi, bar or MPa).

4.5.4. When the screen corresponds to the required setting, press the button to select.

4.5.5. The selected unit will flash 3 times. After showing 'End' , the unit will switch off.

## 5. OPERATION

5.1. Mount the regulator/gauge in a convenient location in the air inlet circuit, ensuring that all connections are tight.

5.2. To adjust the pressure, turn the adjusting knob clockwise to reduce and anticlockwise to increase.

## 6. BATTERY REPLACEMENT

**NOTE:** Replacement battery is CR2032 3V button cell.

6.1. Lay the unit face down on a flat, dry surface and carefully remove the 4 cross head screws holding the unit together.

6.2. Carefully lift the rear off the unit, taking care to NOT disturb the screen arrangement in the front section.

6.3. Slide the battery out from under the spring restraint and replace with clean fully charged battery.



### ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



### WEEE REGULATIONS

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.



### BATTERY REMOVAL

Under the Waste Batteries and Accumulators Regulations 2009, Jack Sealey Ltd are required to inform potential purchasers of products containing batteries (as defined within these regulations), that they are registered with Valpak's registered compliance scheme. Jack Sealey Ltd Batteries Producer Registration Number (BPRN) is BPRN00705.

**Note:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on [technical@sealey.co.uk](mailto:technical@sealey.co.uk) or 01284 757505.

**Important:** No Liability is accepted for incorrect use of this product.

**Warranty:** Guarantee is 12 months from purchase date, proof of which is required for any claim.

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