The ACCURA D10 / D20 is firmly established as the premium product for petrol forecourts, where its reliable, durable features, mixed with touch screen technology make it the safest most simple and cost-effective solution on the market.

All customers need to do is pre-set the required pressure and place the connector on the tyre, then the inbuilt auto start function does the rest.

www.pclairtechnology.com
Key benefits

For the Operator:

• Consistent cost effective provision of high levels of safe air inflation services
• Low life time costs - long product life with robust design and proven electronics.
• Low and simple maintenance
• Customisation to meet individual needs and applications
• Guaranteed accuracy with individual testing

For the Tyre User/Fleet Manager:

• Extended tyre life
• Increased fuel economy
• Increased safety and reduced tyre-related incidents

Key features

• New: High flow solenoid as standard
• New: Touch screen technology
• New: High speed microprocessor
• Electronic pressure pre-set
• Auto-start inflation
• Default to safe setting
• Clear LCD display for easy readings
• Robust, high reliability and modern design
• Ceramic sensor- accuracy to ±0.5% of full scale reading
• Can inflate accurately with hoses up to 50 m in length
• Comprehensive diagnostics and error reporting additional inputs/outputs for complete customisation
• Wall or pedestal mounting

Technical Specification

Dimensions

<table>
<thead>
<tr>
<th></th>
<th>D10</th>
<th>D20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>300 mm</td>
<td>1512 mm</td>
</tr>
<tr>
<td>Width</td>
<td>420 mm</td>
<td>440 mm</td>
</tr>
<tr>
<td>Depth</td>
<td>90 mm</td>
<td>280 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>9 kg</td>
<td>30 kg</td>
</tr>
</tbody>
</table>

Environmental

Temperature range:
Operating: -20 °C to 70 °C
Storage: -30 °C to 80 °C
Humidity Range: Up to 95% RH non-condensing

Electrical Interface

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Nominal: 230 Vac 120 Vac 12 Vdc</th>
<th>Min: 175 Vac 75 Vac 10 Vdc</th>
<th>Max: 265 Vac 140 Vac 16 Vdc</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>Typical (idle): 0.02 A 0.04 A 0.2 A</td>
<td>Max: 0.05 A 0.10 A 0.5 A</td>
<td></td>
</tr>
</tbody>
</table>

Pressure Measurement

Accuracy to ±0.5 of full scale reading
Reading Accuracy: 1 PSI / 0.1 bar / 5 kPa / 0.1 kg/cm²
Max Inlet Pressure: 217 PSI / 15 bar / 1500 kPa / 15.3 kg/cm²
Inflation Range: 145 PSI / 10 bar / 1000 kPa / 10.2 kg/cm²

Inflation Speeds

Inflation flow: 2500l/min @ 10bar supply

Compliance

EMC directives Exceeds EC Directive BS EN 12645:2014

Operational specification

• IP Rating - IP54
• Smart inflation algorithm
• Automatic pressure sensor compensation
• Audible and visual end cycle signals
• 30 mm backlit transflective LCD
• Hose standard 7.6 m with twin hold-on connector
• Default to safe setting
• Coin/Token and compressor interfaces

Optional Features

• Hose type and length
• Connector type
• Bespoke graphics
• Wall or Pedestal units with air and water options
• Digital or Analogue display options

Pneumatic Components Limited
Holbrook Rise
Holbrook Industrial Estate
Sheffield S20 3GE

T +44 (0)114 248 2712
F +44 (0)114 247 8342
info@pclairtechnology.com
www.pclairtechnology.com