Compact, portable pneumatic power for purging and sampling

The rugged MicroPurge® basics™ MP40 Compressor cuts the weight and the part count of oil-less field compressors. The high quality compressor is directly coupled to a smooth-running Honda engine, eliminating the weight and complexity of pulleys, belts, and belt guards.

The MP40 compressor is mounted in a light weight aluminum cage for easy carrying — only 48 pounds total weight!

A new hose reel option attaches to the compressor cage so that wells up to 200 feet away can be reached without having to move the compressor unit. An optional cart with high flotation wheelbarrow tires is also available for mounting the MP40 to reach more distant wells.
Compact, rugged, full-powered air source

The MP40 Engine/Compressor is the product of nearly 20 years of QED design engineering devoted to developing an improved portable field source of compressed gas for ground water purging and sampling.

With its tough, welded aluminum cage, it can bounce around in the back of a pickup truck without damage, yet it is the most portable self-powered compressor on the market.

The high output, durable oil-less compressor is powered by a full 4.0 HP Honda gasoline engine (propane option available). The whole package has been fine-tuned for less vibration, to deliver a longer service life.

A complete selection of accessories makes the MP40 even more versatile. You can leave it in the truck and use the 200 foot air hose reel to extend your reach. For more remote wells, a simple cart kit makes it easy to pull the power where you need it. 16-inch high flotation tires roll over obstacles.

The most complete range of pneumatic power choices

QED provides more pneumatic power options than any other manufacturer. Choose from this list:

- The MP15 Control & Power Pack with built-in compact CO2 cylinder;
- Model 3020 12 VDC Electric Compressor;
- The gasoline powered MP40;
- Call for MP40 Propane option;
- Regulator and hoses to use with full-sized or compact gas cylinders.

**MICROPURGE® COMPRESSOR SPECIFICATIONS**

**System Specifications**

**Model No.** MP40

**Overall Dimensions:** 14" W x 18-1/4" L x 18.5" H (36x46x47 cm)

**Weight:**
- 45 lbs (20.5 kg) dry;
- 48 lbs (22 kg) filled w/ gasoline & oil

**Engine:** 4.0 HP Honda

**Max. Pressure:** 125 PSI (8,620 kPa)

**Max. Lift:** 250 Feet (76 m)

**Output:**

<table>
<thead>
<tr>
<th>Pressure (psi)</th>
<th>Through (20 ft. [6 m] air hose)</th>
<th>Through (100 ft. [31 m] air hose)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>7.0 CFM (11.9 m^3/h)</td>
<td>7.0 CFM (11.9 m^3/h)</td>
</tr>
<tr>
<td>25</td>
<td>6.1 CFM (10.4 m^3/h)</td>
<td>4.8 CFM (8.2 m^3/h)</td>
</tr>
<tr>
<td>50</td>
<td>5.0 CFM (8.5 m^3/h)</td>
<td>4.4 CFM (7.8 m^3/h)</td>
</tr>
<tr>
<td>75</td>
<td>4.2 CFM (7.1 m^3/h)</td>
<td>3.8 CFM (6.5 m^3/h)</td>
</tr>
<tr>
<td>100</td>
<td>3.5 CFM (6.0 m^3/h)</td>
<td>2.4 CFM (4.1 m^3/h)</td>
</tr>
<tr>
<td>125</td>
<td>2.2 CFM (3.7 m^3/h)</td>
<td>1.7 CFM (2.9 m^3/h)</td>
</tr>
</tbody>
</table>

**Compatible Controllers** MP10/MP15 or Model 400

**Options**

- Cart Kit MP40-1
- Hose Attachment (200 ft.) MP40-2
- Propane Conversion Kit MP40-3

**Oil-less electric compressor**

The 3020 Compressor is a useful option for low-flow sampling. It runs on a 12 volt DC electrical supply, and can be connected to your vehicle’s battery with the supplied cables, or driven by a separate power source.

At just 15x11x6-1/2" and 15 pounds, it offers an extremely convenient, portable pneumatic power choice for many sampling systems.

**Electric Compressor Specifications**

**Model No.** 3020

**Dimensions:** 15 x 11 x 6.5" (38x28x17 cm)

**Weight:** 15 lbs. (7 kg)

**Power Supply:** 12 VDC (battery cable)

**Max. Pressure:** 100 PSI (6,895 kPa)

**Max. Lift:** 200 Feet (60 m)

**Output:** 0.21 SCFM @ 100 psi (0.357 m^3/h @ 6,895 kPa)

*Pump flow rates in deeper wells (>100 feet) may be low, especially where pumps have limited liquid submergence.

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