

MICRO PURGE[®] basics[™] COMPRESSOR

Expand your sampling range with this versatile, full-powered compressed air source.



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.



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First in Control & Power for Low-Flow Sampling

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MicroPurge[®] basics[™] MP40 Compressor Advantages

- Direct coupled to 4.0 HP Honda engine for lighter weight, less vibration; high output compressor is premium long-life, oil-less.
- MP40 weighs just 45 pounds dry, 48 pounds filled with gasoline and oil.
- Lightweight aluminum cage protects the engine and compressor, and provides convenient lift handles and hose storage.
- Optional air hose reel mounts to the MP40 cage, allows wells up to 200 feet away to be reached without moving the compressor.
- Optional cart kit comes with 16-inch diameter, high flotation tires for easy travel over rough terrain.

MICROPURGE[®] basics[™] MP40 COMPRESSOR

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.



The optional Cart Kit (top photo) and 200' Air Hose Reel (bottom) greatly increase the sampling range and versatility of the basic MP40 Compressor.

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: Through: (20 ft. [6 m] air hose) (100 ft. [61 m] air hose)

0 psi (0 kPa)	7.0 CFM (11.9 m ³ /h)	
25 psi (1,725 kPa)	6.1 CFM (10.4 m ³ /h)	4.8 CFM (8.2 m ³ /h)
50 psi (3,450 kPa)	5.0 CFM (8.5 m ³ /h)	4.4 CFM (7.8 m ³ /h)
75 psi (5,170 kPa)	4.2 CFM (7.1 m ³ /h)	3.8 CFM (6.5 m ³ /h)
100 psi (6,895 kPa)	3.5 CFM (6.0 m ³ /h)	2.4 CFM (4.1 m ³ /h)
125 psi (8,620 kPa)	2.2 CFM (3.7 m ³ /h)	1.7 CFM (2.9 m ³ /h)

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



Model 3020 Electric Compressor