

SPECIFICATIONS

Max Pressure	100PSI/6.84BAR
Flow Rate	0.68cfm @ 0PSI/BAR
Weight	7oz/198g
Air Outlet	Zero Loss Inflation Valve Stem Connector
Inflation Rate	3 minutes, 100/90-19 front tire, 0-36psi 5 minutes, 150/70-17 rear tire, 0-36psi
Run Duration	30 minutes/20 minutes cool down time
Voltage	12.0VDC - 14.8VDC
Max Current	4.5AMP @ 40psi
Power	55W @ 40psi
Noise	69 dB
Motor	Geared, fan cooled
Dimensions	3.9"X3.62"X1.57"/3.90mmx3.62mmx1.57mm
Power Cord Length	6.5"/2.0m
Recommended Fuses	Cigarette Lighter Receptacle: 15AMP Cigarette Plug: 250V/8AMP slow blow
Air Hose Length	1.6'/500mm
Certifications	CE, RoHS, ISO 9001 Factory
Warranty	Limited One Year
Additional Information	www.dynaplug.com
2 ways to reach us	1.530.345.8000 & info@dynaplug.com

Dynaplug Commitment

Your complete satisfaction is our goal. We appreciate your questions and comments. We aim to respond to your emails within 24 hours.

LIMITED WARRANTY

The Warranty period is one year from the date of purchase by the original purchaser. Defects in material and workmanship, which occur within the duration of the warranty, are covered with some exceptions that are detailed on www.dynaplug.com. It's the responsibility of the purchaser to provide dated proof of purchase, to contact info@dynaplug.com to obtain warranty service options and to use reasonable care in the operation and maintenance of the inflator as described in this manual. Customer is responsible for warranty repair shipping.

TROUBLESHOOTING

Inflator does not turn ON

Make sure that all SAE connectors are fully seated.

Inflator does not inflate (build pressure)

Be sure connector is on valve stem securely and well threaded. Check tire for leaks, and check hose for breaks and leaks at fittings.

Inflator is running slowly

The battery voltage may be too low. Check battery with a volt meter. Battery should be at least 12.0VDC

Tire is totally deflated

Sometimes a totally deflated tire can separate from rim and air can leak during inflation. If this happens, you could attempt to jack up the tire before inflating it to allow bead to seat. You may need to use a high volume A/C compressor to help reseal bead.

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DYNAPLUG® MICRO PRO INFLATOR DMPI-1649

Designed and engineered in the USA, our Micro Pro Inflator includes features that are an industry first. It is our goal to deliver a small but durable package that would meet or exceed our customer's expectations.



The result is the world's smallest precision inflator; ideal when space and weight are at a premium, while delivering efficient, reliable performance. It will quickly and easily inflate all tires for motorcycles, ATVs, scooters, trailers, on and offroad vehicles, bicycles, lawn equipment, and more.

FEATURES AT A GLANCE

- Rugged and compact ABS case
- Polyurethane heavy duty coiled air hose
- Bright and convenient LED work light
- Zero-loss inflation valve stem connector
- Dedicated Schrader valve stem for real-time pressure measurement while inflating
- SAE power cord
- Ballistic nylon zipper case with bonus inside zipper compartment
- CE and RoHS compliant, ISO 9001 certified manufacturing facility

WARNINGS BEFORE USE

Please read and save these instructions. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in voiding the Warranty, personal injury and/or property damage.

- For use with 12VDC outlet rated 10 Amps or higher.
- DO NOT leave Inflator unattended while running.
- Over inflation can cause property damage and/or personal injury.
- Never exceed the recommended pressure for any inflatable.

OPERATION

1. Locate air-out VG8 brass fitting (protected by black dust cap) next to LED light. Unscrew cap (counter clockwise) and attach blue air hose with oversized black insulated fitting.
 2. Remove cap from tire valve stem; screw on (clockwise) zero-loss connector snugly "finger tight" so that no air is leaking.
 3. Plug SAE to SAE power cord into inflator SAE receptacle.
 4. Connect to your 12 volt power cord.
 5. When connected to power, LED work light will illuminate.
 6. Press and release red power switch to start/stop inflator.
 7. To check pressure while inflator is operating, remove red cap from Schrader valve port and attach a pressure gauge by firmly pressing on Schrader valve stem.
 8. When desired pressure is reached, press and release red power switch to shut off inflator.
 9. Disconnect power plug; unscrew zero-loss connector (counter clockwise) from valve stem.
- NOTE: Inflator can run on your battery source when it's running or not running, however, inflation will be slightly faster if the source is running.

Zero Loss Inflation Valve Stem Connector

Made of solid brass, this connector screws "clockwise" on the valve stem with zero air leaks. This is particularly important for achieving the tire pressure desired when you remove the connector. Some lever-type style connectors do not seal well and can lose 5-10 psi in a matter of seconds. This is particularly important for motorcycle, scooter, bicycle and other smaller tires.

Schrader Valve Fitting for Pressure Monitoring

While inflating, firmly place pressure gauge on the valve stem and check reading.

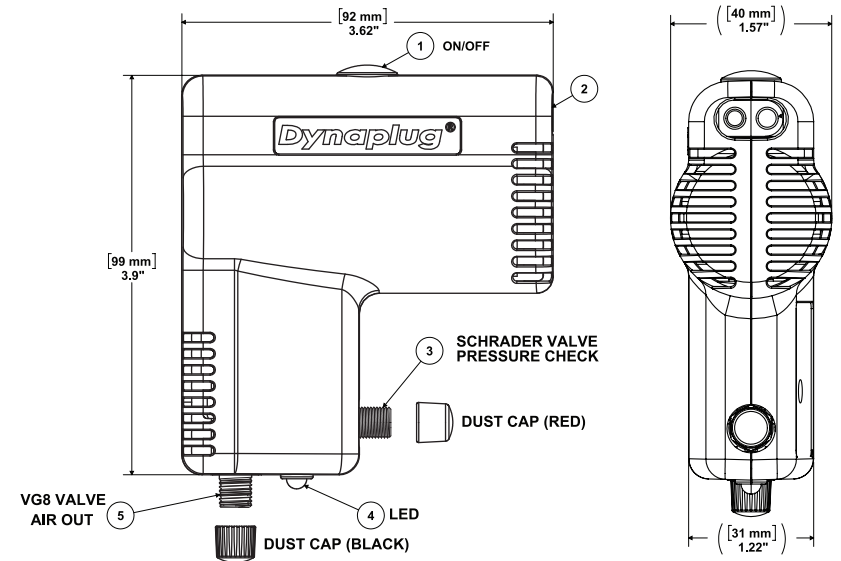
TIP: Check pressure multiple times to be sure you reach your target pressure.

If desired pressure is exceeded, you can bleed out some air by depressing the center pin in the Schrader valve. In just a few seconds you can release several PSI. When storing the Micro Pro, replace the valve caps to limit dust and dirt build-up. Keep in mind that tire pressure rises with ambient temperature and as the tire heats up in use, so we recommend that you fill your tires to their recommended cold pressure.



High Efficiency Motor

The inflator is equipped with a permanently lubricated, maintenance free motor that's fan-cooled, a unique feature for such a compact inflator. Never lubricate it. All maintenance and repairs must be performed by Dynaplug to maintain the Limited Warranty during the warranty period. Always contact Dynaplug if you have questions.



1. Press to turn ON/OFF 2. Connect SAE cord here 3. Press air pressure gauge here to check pressure 4. LED automatically illuminates when power is ON 5. Connect air hose here per instructions **IMPORTANT: Inflator can run continuously for 30 minutes, but then cool for 20 minutes before re-use**



SAE/SAE 6.6'/2.0m



Ring Terminal/SAE 1.6'/500mm (Optional)



Cig Plug 3.25'/1.0m (Optional)

Can be inserted in standard or BMW-style outlet. The bayonet locking red tip insulator on the plug is removed for BMW-style socket use.



Battery Clips/SAE 1.0'/300mm (Optional)



Pencil Gauge (Optional)

Easy-to-use, precision pencil pressure gauge eliminates the need to purchase or carry a separate tire pressure gauge. The gauge reads in PSI and BAR and is ANSI B 40.1 +/- 2%.

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