

Defiant Diluter™

www.defiant-tech.com



Make Calibration Easy with a Portable Gas Diluter

Instrument Specifications

Dilution Air	0 – 3000 mL/min
Standard Gas	0 - 150 mL/min
Weight	7.7 kg (17 pounds)
Dimensions	13" x 17" x 7" (33x43x18 cm)
Power:	12 VDC x 2 Amp , AC wall adapter

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Defiant Technologies' Portable Gas Diluter



*Introducing Defiant Diluter™,
a robust system for gas
calibration in the field
by Defiant Technologies, Inc.*

Hand-Held Gas Chromatography Made Simple



One Gas Standard – Infinite Concentrations

Features

- ✓ Internal Compressor for Supplying Dilution Air
- ✓ Charcoal Trap to Scrub Dilution Air
- ✓ Second Trap to Scrub Excess Calibration Gas Flow
- ✓ Port for External Dilution Gas Supply
- ✓ Rotameters to Set and Measure Mixtures
- ✓ Runs on 110 VAC or 12 VDC
- ✓ 200:1 Dilution Capability
- ✓ Heated Mixing Line for Faster Stabilization

Applications:

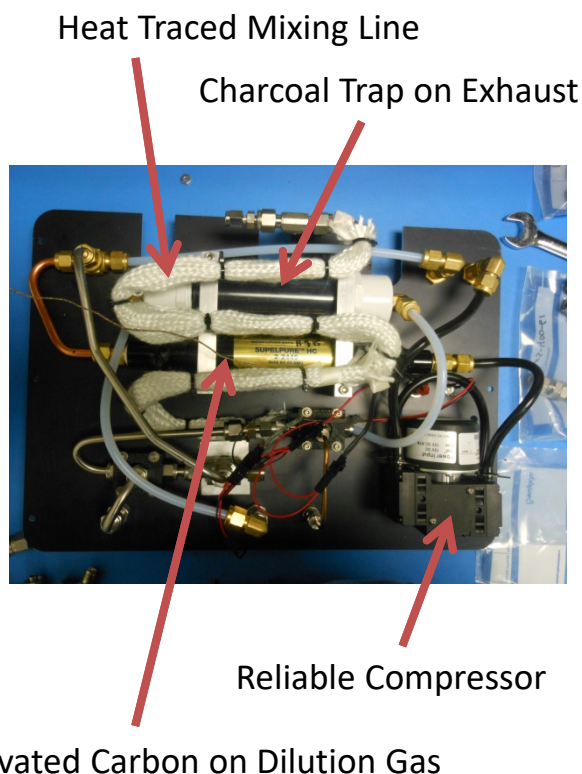
- Perform multipoint calibrations for gas analyzers
- Single point check
- Fill sample bags for bump checks

Includes:

- Hardened case – ready to ship
- Air cooled compressor
- Power adapter for 110 VAC operation
- Cigarette lighter adapter
- Adapters for 1/16" , 1/8" and 1/4" Swagelok® connections

Easy to Use

- Software provided to calculate concentrations
- Sets up in minutes
- Engraved flow illustration on top panel for intuitive operation



Advantages

- Eliminate need for sample bags
- Use less calibration gas
- Use one calibration standard and provide multiple concentrations for calibration
- Provides cleaner baseline than sample bags