**Defiant Diluter™**

www.defiant-tech.com

**Defiant Technologies’ Portable Gas Diluter**

**Make Calibration Easy with a Portable Gas Diluter**

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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