

# ZN-39/49™ Analyzer Kit

## CO<sub>2</sub> PURITY BY SIMPLE CAUSTIC ABSORPTION METHOD

### KEY BENEFITS

- Performs ISBT Method 2.0 “Carbon Dioxide % Purity (Assay) by Caustic Absorption Method.”
- ISBT % purity test results can be quickly and easily obtained on-site by non-technical personnel after minimal training.
- Reusable KOH reagent allows you to perform many ISBT tests without repeatedly purchasing new reagent solution.
- Features a rugged stem design and gas trap purge assembly.
- ZCheck-5XLT™ (Highly recommended accessory) controls sample gas flow & limits the CO<sub>2</sub> gas pressure on glassware to ensure safe field applications. ZCheck-5XLT™ is comprised of odor-free inert plastic and passivated components to prevent wall-absorption of *sensory-active* impurities such as sulfur compounds.
- A special elastomeric “slip” fitting allows for quick and easy connections to the gas sample source.



ZN PROTECTIVE CASE



ZCHECK-5XLT ACCESSORY  
(LIMITS PRESSURE & CONTROLS SAMPLE FLOW)

### RECOMMENDED ACCESSORIES/OPTIONS

- ZCheck-5XLT™ pressure limiting safety hardware
- ST-3: *Silconert*® passivated PTFE 3' sampling line.
- SPC-1L: *Silconert*® passivated 1L cylinder with *dip-tube*.
- VC-Versipad Cylinder support stand for SPC-1L.
- Vapor Pressure Regulator (VPR) 120/240-A: *Silconert*® passivated CO<sub>2</sub> flash vaporizer - pressure regulator.
- ZN-Case: Protective Case

### MODEL OPTIONS

- ZN-49: Zahm-Nagel Instrument capable of measuring CO<sub>2</sub> purity from 99.00 - 99.99% v/v.
- ZN-39: Zahm-Nagel Instrument capable of measuring CO<sub>2</sub> purity from 99.0 - 99.9% v/v.



ST-3



CALIBRATED ZN-49 CO<sub>2</sub> PURITY KIT



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