

AK-6000 Audit Kit

The Apex **AK-6000 MercSampler Audit Kit** is used for Appendix K and Method 30B compliance auditing of the XC-6000 MercSampler System. Built in a rugged 4U X-Case with molded-in handles for easy transport.



**DGM-SK25SRD
Secondary
Reference Meter**

DGM-SK25SRD Specifications:

DGM-SK25-5701 Reference Dry Gas Meter with Optical Encoder
 • 15-point Calibration (Secondary Reference)

Digital Quadrature Totalizer: 8-Digit LCD
 • Direct read numeric totalizer 9999.9999 m³ capacity
 • Programmable Scaling • Quadrature Sensing

Vacuum Gauge
 • 2.5" Face • Range: 0-30" Hg • 1% Accuracy

Dimensions
 • HxWxD: 21" x 9.5" x 14" (53cm x 24cm x 35.5cm)
 • 22 lbs (10kg)

For use with:

MercSampler Consoles



**XC-6000EPC MercSampler
Meter Console**
(not included)



**MercSampler
Portable Console**
(not included)

MercSampler Audit Screen



Simple, step-by-step audit procedure included in XC-6000 software version 80620-94 or later.

Kit Includes:

- Reference Dry Gas Meter with Integral Optical Encoder
- Handheld Digital Barometer
- Handheld Thermocouple Simulator
- Handheld Thermometer
- Vacuum Insulated Ice Bath
- Thermocouple Type K
- Thermocouple Y Adapter



**TCA-6YHG
6" Thermocouple Y
Adapter**



**TCA-36HG
36" Thermocouple
Type K**



**AK-6TH16
Insulated Ice Bath**

- Portable Ice Bath
- Vacuum Insulated
 - Stainless Steel
 - Capacity: 16 oz.

M5C-520

Thermocouple Simulator

- Handheld Thermocouple Simulator
- NIST Traceable
 - Type K, °F or °C
 - Range: -409° to -2501.6° F (-245° to -1372° C)
 - Accuracy: 0.5° F (±0.25°C) for Type-K
 - Output resolution by 0.1° F or °C



BAR-4198 Handheld Digital Barometer

- Handheld Digital Barometer
- NIST Traceable
 - 15.9-31.01" Hg, Resolution: 0.03" Hg;
 - 400-1070 mbar, Resolution: mbar
 - Altitude: -500 - 7000m, Resolution: 1m



DPT-168-NIST Handheld Waterproof Thermometer

- Handheld Thermometer
- NIST Traceable
 - Waterproof
 - Range: -58° to 572° F (-50° to 300°C)
 - Resolution: 0.1° from -20° to 200°
 - Accuracy: ±0.4°C or ±1.5°C