

# LACO TECHNOLOGIES

## HELIUM CONCENTRATION TESTER

### LHCT03D

LACO's LHCT03D helium concentration tester is designed to measure helium concentration in production parts previously filled with helium gas. Working in conjunction with a helium mass spectrometer, the LHCT03D provides excellent accuracy and fast response time. Includes the LSP-HCT-5 sniffer probe.



### BENEFITS

- Interfaces with test ports on most helium mass spectrometer leak detectors including LACO's TITANTEST, Alcatel, Pfeiffer, and Inficon
- Analyzes test data quickly and easily with digital readouts and fast response times (typically less than 5 seconds)
- Captures accurate helium measurements with the highly sensitive sniffer probe and simple calibration process



*LSP-HCT-5  
Sniffer Probe*

### FEATURES

- Micro-controller based control system with 4.3" color touch screen interface
- Micro-controller menu includes test, calibration and advanced settings
- Data collection and software updates via USB port
- Sniffer probe for sampling at atmospheric pressure (custom sampling probes available)
- Ethernet port for TCP/IP communication with tester for device and test information

**NOTE:** Using gas mix volumes of 100cc and greater provides a more stable Helium source when a calibration is being performed with the LHCT03D.

### SPECIFICATIONS

COMPONENT	DESCRIPTION
Voltage	100-240 VAC, 5 AMPS
Response Time	Less than 5 seconds (typical)
Accuracy	5% of full scale
Measurement Range	From 1% to 100% helium
Enclosure Size	8.0" H x 8.0" W x 7.4" D
Vacuum Connection	NW 25
Connections	RS232 – Leak detector RS232 – Barcode reader USB – Data collection Ethernet – Device information