

# LACO TECHNOLOGIES

## HELIUM CONCENTRATION TESTER

### LHCT02D

LACO's LHCT02D helium concentration tester is designed to measure helium concentration in production parts that have been previously filled with helium gas. Working in conjunction with a helium mass spectrometer, the LHCT02D provides excellent accuracy and fast response time. Includes the LSP-HCT-5 sniffer probe.



### BENEFITS

- Interface with test ports of most helium mass spectrometer leak detectors including Alcatel, Inficon, and LACO's P-Series TITANTEST™
- Analyze test data quickly and easily with digital readouts and fast response times (typically less than 5 seconds)
- Get accurate helium measurements with our highly sensitive sniffer probe and simple calibration process



*LSP-HCT-5  
Sniffer Probe*

### FEATURES

- PLC based control system with 4.3" color touch screen
- PLC menu includes test, calibration and advanced settings
- Dual language control with English/Spanish
- USB port for data collection and software updates
- Sniffer probe for sampling at atmospheric pressure (custom sampling probes available)

**NOTE:** Using gas mix volumes of 100cc and larger will provide a more stable source of Helium when a calibration is being performed on the LHCT02D.

### 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	Digital I/O – leak detector RS232 – system/remote RS232 – barcode reader USB – data collection