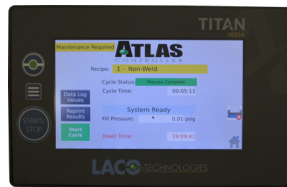


LACO's ATLAS controller is the key element of LACO's standard leak test systems. Automate your helium filling and leak test process with the ATLAS Controller. The ATLAS is a flexible leak test controller that allows for both helium charging functions and fully automated helium leak testing. The ATLAS can be integrated with LACO's TITAN VERSA™ helium leak detector as well as most popular leak detectors used on the market today. This flexible controller can be configured for the following leak test methods: hard vacuum, vacuum accumulation, atmospheric accumulation, and sniffing.



ATLAS Enclosure

ATLAS HMI



### FLEXIBILITY & STRENGTH

#### HARDWARE

#### SOFTWARE

Main control enclosure design allows more room for a leak test chamber or fixture

Pre-programmed sub-routines are easily arranged to create a main test routine to meet your requirements

HMI can be mounted as needed (VESA 100 Size) or user can use VNC app on existing PC or tablets

Automated part clamping/sealing

Efficient layout with utility and process connections with easy access

Up to 100 customized test recipes with associated parameters to meet the varied leak testing needs (hard vacuum, sniffing, or helium bombing)

## SYSTEM INTEGRATION FLEXIBILITY

LACO offers standard leak test systems that integrate the ATLAS controller.



Hard Vacuum System



Bombing System

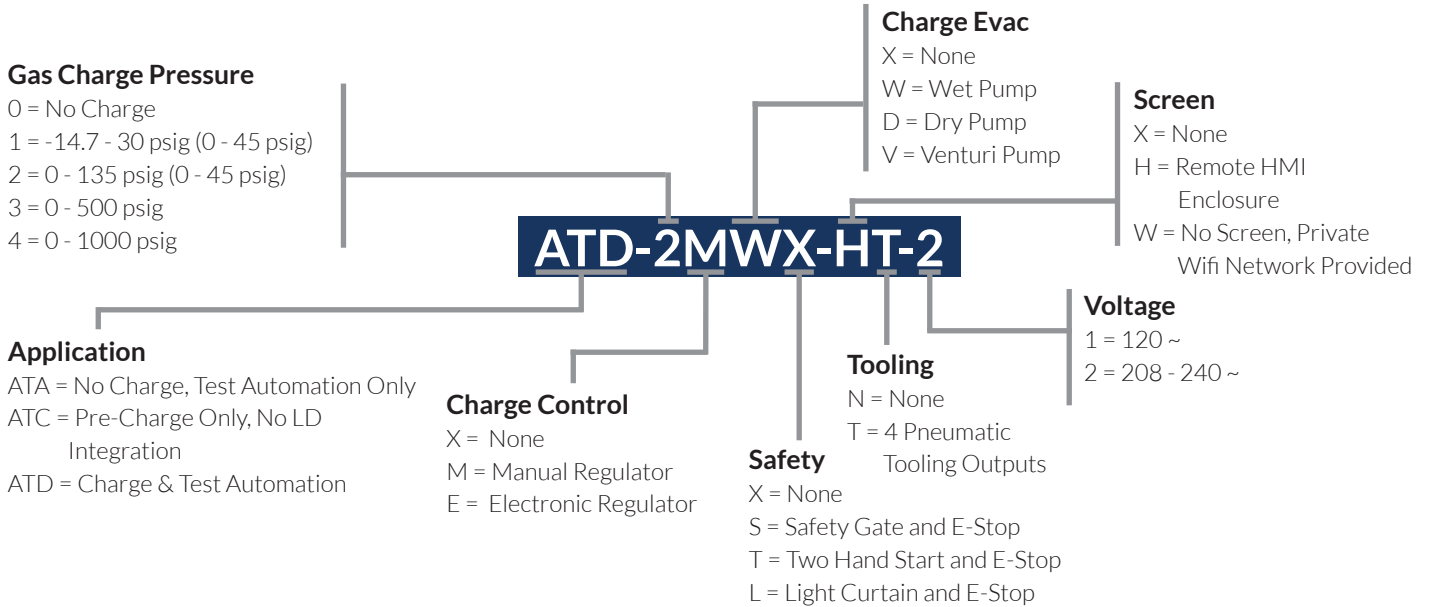


Sniffing System

SPECIFICATIONS	
DESCRIPTION	
MAIN ENCLOSURE	16" x 16" x 6" - 35 lbs
HMI ENCLOSURE	6.7" x 9" x 2.5" - 2 lbs
HMI	7" color touchscreen with VESA 100 mounting
ELECTRICAL SUPPLY	100 - 130 or 208 - 240 V~, 1Φ, 50/60 Hz, 1 kW
LD INTEGRATION OPTIONS	LACO TITAN VERSA, LACO TITANTEST, Pfeiffer, and Inficon
LEAK TEST METHODS OR FUNCTIONS	Hard vacuum, sniffing, accumulation, HATS™, helium bombing (charge only or charge plus leak detector integration with gross and fine leak testing), helium charge either before or during leak test process

ATLAS™ ACCESSORIES	
PART NUMBER	
BARCODE READER FOR ATLAS	LMSA5483
TICKET PRINTER	LMSA5482
ATLAS STATUS ENCLOSURE (REMOTE START/PASS & PASS/FAIL)	ASE-01
CALIBRATED LEAK STANDARDS	See lacotech.com for more options
LEAK TESTING CHAMBERS	See lacotech.com for more options

## ATLAS PART NUMBER MATRIX



## CUSTOM OPTIONS

- Custom data logging or alerts:
  - SQL database integration
  - OPC server integration
  - FPT server integration
  - Email alerts
- Helium recovery valve and control
- Flow/occlusion test
- Custom part evacuation, fill, or vent sequence
- Custom software or hardware to meet your needs

ELECTRICAL PORT SPECIFICATIONS		
ID	PORT DETAILS	PORT
1	REMOTE I/O DB15	Remote I/O - 24 VDC logic I/O with 5 digital inputs and 4 digital outputs
2	USB DRIVE PORT	Data logging (.csv files), bar code reader, or software update
3	ETHERNET, RJ45	Leak detector communication, HMI communication, and remote control or data logging via TCP/IP commands from PC or PLC

