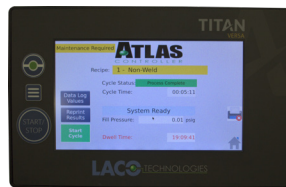


Automate your helium filling and leak test process with LACO's ATLAS™ Controller. ATLAS™ is a flexible leak test controller that allows for both helium charging functions (evacuation, fill and decay testing) and fully automated helium leak testing automation. The Atlas™ can be, integrated with LACO's TITAN VERSA™ Helium Leak Detector as well as most popular leak detectors used on the market today. The flexible controller will automate filling either before or during the leak test process and can be used on all common leak test methods (Hard Vacuum, Hybrid Accumulation Test System (HATS™), Sniffing, and Accumulation). The Atlas™ includes modern communication interface options to meet your needs.



ATLAS™ Enclosure

ATLAS™ HMI



FLEXIBILITY & STRENGTH	
HARDWARE	SOFTWARE
Main control enclosure design allows more room for a leak test chamber or fixture.	Pre-programmed test routines are easily arranged to create a main test routine to meet customer's 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 connections behind the enclosure, and process items in front for easy connections and maintenance.	Up to 100 customized test recipes with associated parameters to meet the varied leak testing needs (hard vacuum, sniff, or helium bombing)

## System Integration Flexibility

LACO offers standard CARTS and FRAMES to effectively integrate the ATLAS controller into your leak testing process.



Hard Vacuum System



Bombing Chamber System



Sniffing System

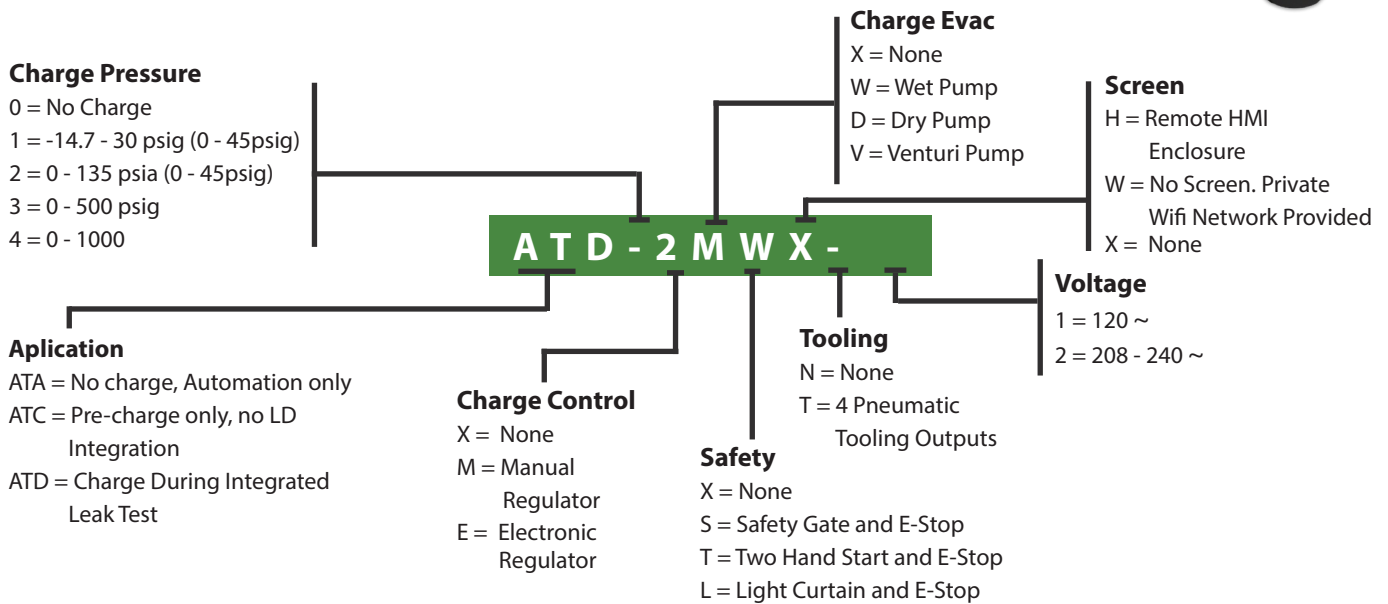
ATLAS™ SPECIFICATIONS	
PARAMETER/FEATURE	DESCRIPTION
<b>MAIN ENCLOSURE</b>	16" x 16" x 6", - 35 LBS
<b>HMI ENCLOSURE</b>	6.7" x 9" x 2.5, 2 lbs
<b>HMI</b>	7" Color Touchscreen with VESA 100 mounting
<b>ELECTRICAL SUPPLY</b>	100-130 or 208-240 V~, 1Φ, 50/60 Hz, 1 kW
<b>LD INTEGRATION OPTIONS</b>	LACO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

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

LT-BC (Bar Code Reader)



## 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 customer needs

ELECTRICAL PORT SPECIFICATIONS		
ID	PORT DETAILS	PORT
1	<b>USB DRIVE PORT</b>	Data logging (.cvs files), bar code reader, or software update.
2	<b>REMOTE I/O, DB15</b>	Remote I/O - 24 VDC logic I/O with 5 digital inputs and 4 digital outputs.
3	<b>ETHERNET, RJ45</b>	Remote Control or Data Loggings via TCP/IP commands from PC or PLC. See manual for more details. Leak Detector and HMI communication.

