

TITAN VERSA



TITAN VERSA™ HELIUM LEAK DETECTOR

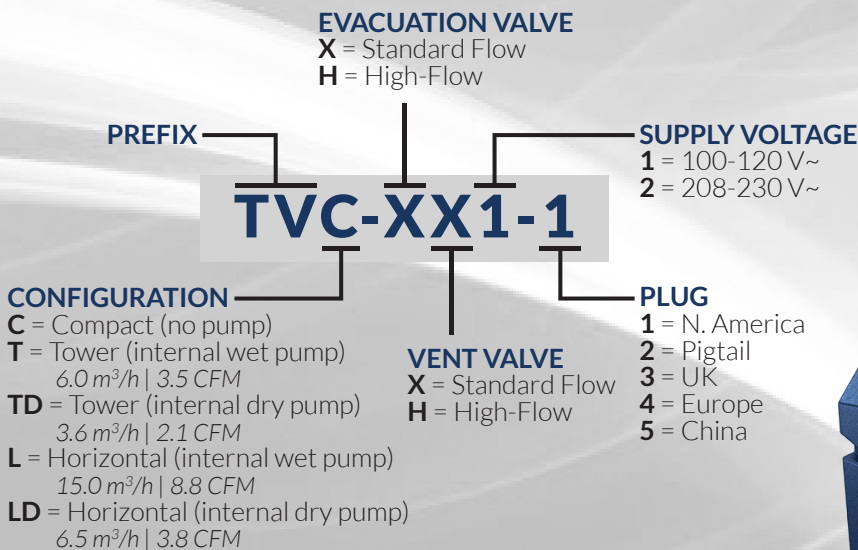
Performance | Versatility | Reliability

TITAN VERSA HELIUM LEAK DETECTOR SPECIFICATIONS

	VERSA C	VERSA T	VERSA TD	VERSA L	VERSA LD
PRIMARY PUMP TYPE	None	Single-stage rotary vane	Dry membrane (2)	Single-stage rotary vane	Dry scroll
PUMPING SPEED CAPACITY	N/A	6.0 m ³ /h (3.5 CFM)	3.6 m ³ /h (2.1 CFM)	15 m ³ /h (8.8 CFM)	6.5 m ³ /h (3.8 CFM)
DIMENSIONS (W x H x D)	559 x 404 x 305 mm (22.0 x 15.9 x 12.0 in)	559 x 607 x 305 mm (22.0 x 23.9 x 12.0 in)		559 x 404 x 495 mm (22.0 x 15.9 x 19.5 in)	
WEIGHT	25 kg (55 lbs)	44 kg (97 lbs)	42 kg (93 lbs)	58 kg (128 lbs)	47 kg (104 lbs)
OPERATING TEMPERATURE RANGE - VACUUM METHOD	0 - 45 °C (32 - 113 °F)				
OPERATING TEMPERATURE RANGE - SNIFFING METHOD	0 - 45 °C (32 - 113 °F)	0 - 40 °C (32 - 104 °F)		0 - 45 °C (32 - 113 °F)	
ELECTRICAL SUPPLY (50/60 Hz)	90-250 V~	100-130 V~ 208-240 V~	90-250 V~	100-130 V~ 208-240 V~	
ELECTRICAL POWER (MAX)	350 W	700 W	600 W	850 W	600 W
DETECTABLE GASES	Helium 4 Helium 3 Hydrogen				
MIN. DETECTABLE LEAK RATE VACUUM METHOD (HELIUM)	5 x 10 ⁻¹² mbar L/sec atm cc/sec				
MIN. DETECTABLE LEAK RATE VACUUM METHOD (SNIFFING)	5 x 10 ⁻⁹ mbar L/sec atm cc/sec				
MAX INLET PRESSURE - VACUUM TEST MODES	GROSS - 25 mbar FINE - 5 mbar ULTRA - 0.5 mbar (GROSS - 19 Torr FINE - 4 Torr ULTRA - 0.4 Torr)				
TEST METHODS	Vacuum (includes AutoTest) Sniffing				
HELIUM PUMPING SPEED	2.5 L/sec (ULTRA mode)				
PROTECTION CATEGORY	IP 20				
INLET FLANGE	DN 25 ISO-KF				
START-UP TIME	≤3 minutes				
ACCESSORY INTERFACES	USB port Barcode Accessory 1&2 Wireless remote control Wired remote screen				
COMMUNICATION OPTIONS	Serial Ports: RS-232 RS-485 Ethernet				
I/O OPTIONS	Remote I/O Local I/O				
CE APPROVED	Yes				

PART NUMBER MATRIX

TITAN VERSA



WHY PARTNER with LACO?



TITAN VERSA™ Helium Leak Detector—designed and assembled by LACO in the USA to meet your most demanding leak detection challenges.

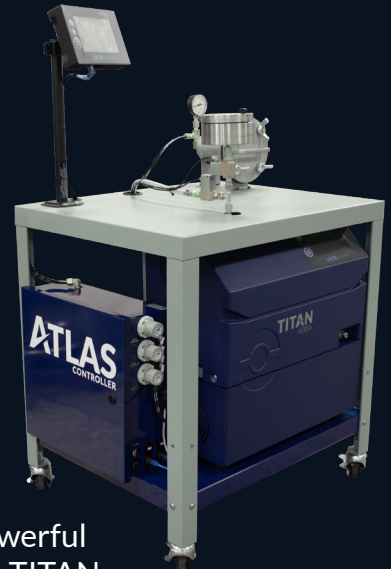
We offer a comprehensive line of **standard systems** integrating the TITAN VERSA ensuring a solution perfectly suited to your needs.



HELIUM LEAK DETECTION *is our* CORE



We understand your application and have the widest array of **accessories** to get you up and running with the right solution.



When combined with LACO's powerful **ATLAS Leak Test Controller**, the TITAN VERSA can provide a fully automated leak detection system.



**INDUSTRY LEADER IN
HELIUM LEAK DETECTION**



**EXPERTS IN APPLICATION &
ENGINEERING SOLUTIONS**



**SUPPORT & SERVICE
FOR A LIFETIME**



MORE INFO

TITAN VERSA

TITAN VERSA C

Lightweight, Mobile, Flexible

External pump - customer specified or provided

- Production system integration
- Service cart integration for maintenance environments
- Field service applications



TITAN VERSA T | TD

Small footprint, Ready to work

Internal wet or dry pump

- Ideal for laboratory or R&D environments
- Light-duty production applications
- Production sniffing



TITAN VERSA L | LD

High performance, Built for speed

High-capacity internal wet or dry pump

- Large volume leak detection
- Industrial and clean room environments
- Stand-alone production



HIGH PERFORMANCE

HIGH SENSITIVITY

Find smaller leaks with vacuum or sniffing methods

LARGE PRIMARY PUMPS

Faster pump-down times

HIGH-FLOW VENT & EVACUATION OPTION

Quicker cycle times

VERSATILE

VERSATILE CORE SENSOR MODULE

Same core technology for your multiple applications

MULTIPLE VACUUM PUMP OPTIONS

Choice of wet or dry pumps

INDUSTRY'S WIDEST RANGE OF ACCESSORIES

Everything you need from one source

WE'RE APPLICATIONS EXPERTS



INDUSTRIAL APPLICATIONS

- Rugged design for harsh environments
- High pumping capacity
- Compact and lightweight
- Sniffer capability



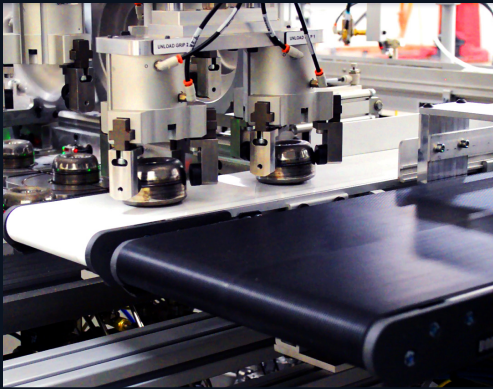
ELECTRONICS

- High-capacity dry pump for clean rooms
- High sensitivity
- Compact or horizontal configuration on service cart



LABORATORY | R&D

- High sensitivity leak detection
- Two dry pump options
- Easy-to-use 7" color touch-screen display
- Robust data logging



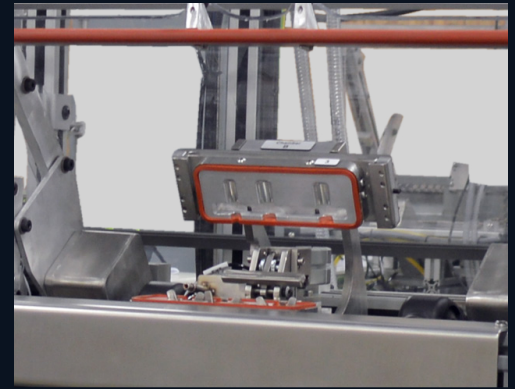
AUTOMOTIVE

- High helium pumping speeds for fast cycle times
- Designed for trouble-free system integration
- Robust data logging



REFRIGERATION

- Compact & versatile footprint
- High sensitivity sniffer test capability
- Use with gas charge system
- Helium or hydrogen detection



MEDICAL | PHARMA

- High sensitivity for accurate test results
- Clean room friendly with dry pump
- AutoTest feature

RELIABLE

PROVEN MASS SPECTROMETER TECHNOLOGY

Long life and stable operation

HIGH-CAPACITY COOLING

Keeps you up and running in extreme temperatures

TEMPERATURE-STABLE LEAK STANDARDS

Accurate and dependable readings regardless of environment

EASY TO USE

LARGE 7" COLOR TOUCHSCREEN DISPLAY

Intuitive menu structure for easy navigation

FLEXIBLE CONTROL

Remote screen, wireless remote control, or powerful I/O module

ROBUST DATA LOGGING

Capture your data easily via USB drive or connect to a PC

TITAN VERSA™ ACCESSORIES



MORE INFO

CORE ACCESSORIES



MAINTENANCE
CART



PRODUCTION
CART



EXTERNAL PUMP
PACKAGES



LEAK TEST
CHAMBERS



SNIFFER PROBE



CALIBRATED LEAK
STANDARDS

HELIUM MANAGEMENT



ATLAS
CONTROLLER



SPRAY PROBE



HELIUM BOMBING
CHAMBERS



HELIUM GAS
CHARGE MANIFOLD



HELIUM
CONCENTRATION



GAS BOTTLE
REGULATOR

TEST ENHANCEMENT



HIGH-FLOW
VENT/EVAC



WIRELESS REMOTE
CONTROL



REMOTE WIRED
SCREEN



REMOTE START /
STOP MODULE



N2 GAS PURGE/
VENT MODULE

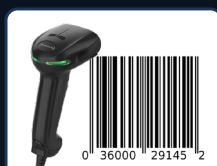


PASS / FAIL LIGHT

DATA COLLECTION & AUTOMATION



ATLAS
CONTROLLER



BARCODE
READERS



USB DATA
LOGGING



REMOTE I/O
MODULE



ETHERNET &
REMOTE VNC