

TITAN VERSA

*LACO – a leader in leak testing technology
with over 850 customers in 40 countries*

*We're excited to announce our new family of high-performance
helium leak detectors – **TITAN VERSA***

INNOVATIVE TO THE CORE

Powerful | Versatile | Reliable



LACO TECHNOLOGIES

WHY PARTNER with LACO?



TITAN VERSA – designed and assembled by LACO in the USA to meet your most **demanding** leak detection **challenges**.



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

LEAK DETECTION is our CORE



We're your partner now and in the future – providing deep engineering **support**, global **services** and **training**.



We deliver end-to-end **production solutions** for customers around the world.



**INDUSTRY LEADER
IN LEAK DETECTION**



**EXPERTS IN APPLICATION &
ENGINEERING SOLUTIONS**



**SUPPORT & SERVICE
FOR A LIFETIME**

TITAN VERSA C

Lightweight, Mobile, Flexible

User specifies or provides separate, external pump

- Mount on a service cart
- Integrate into a production leak test system



COMPACT

TITAN VERSA T | TD

Small footprint, Ready to work

Internal wet or dry pump

- Ideal for laboratory or R&D environments
- Production sniffing



TOWER

TITAN VERSA L | LD

High performance, Built for speed

High-capacity internal wet or dry pump

- Stand-alone production applications
- Large volume leak detection



HORIZONTAL

FEATURES *with* REAL RESULTS

HIGH PERFORMANCE

HIGH SENSITIVITY

Find smaller leaks with vacuum or sniffing methods

LARGE PRIMARY PUMPS

Faster pumpdown 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 INDUSTRY EXPERTS



INDUSTRIAL APPLICATIONS

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



SEMICONDUCTOR

- 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 DEVICES

- 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

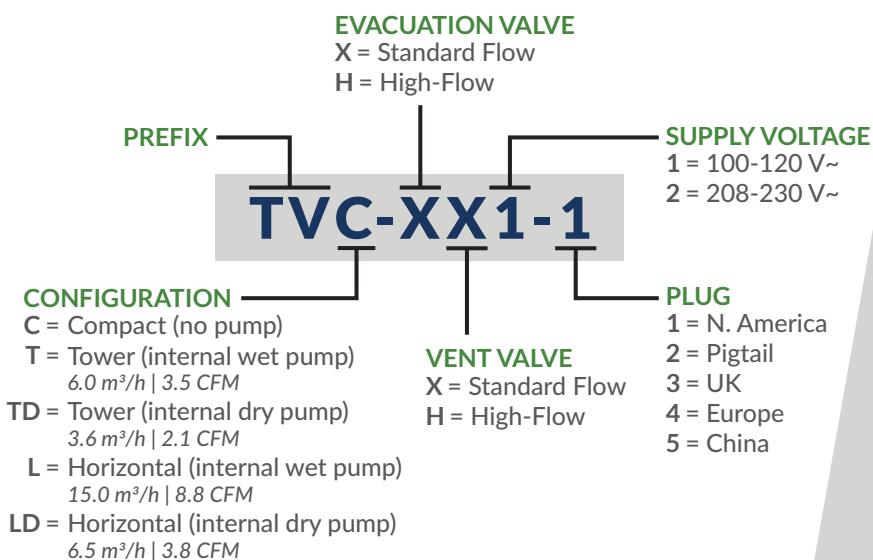
ROBUST DATA LOGGING

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

TITAN VERSA SPECIFICATIONS

| PRODUCT | 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 m³/h (3.5 CFM) | 3.6 m³/h (2.1 CFM) | 15 m³/h (8.8 CFM) | 6.5 m³/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 | | | | |

PART NUMBER MATRIX



TITAN VERSA



YOUR **COMPREHENSIVE** SOURCE for **LEAK DETECTION SOLUTIONS**



WHY GO ANYWHERE ELSE?

LACO TECHNOLOGIES

At LACO Technologies leak detection and vacuum technology is our core. With over 45 years of industry experience, we connect applications with engineered solutions to meet your exacting requirements. Choose LACO as your trusted partner and access our deep engineering experience, innovative solutions, and global support network.

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