

LACO's AURA™ Compact is a versatile air leak tester offering a fast, accurate, and cost-effective solution to production leak testing applications. It is ideal for the cost-conscious manufacturer who requires optimal uptime, test flexibility, accuracy, data logging, and quick results. The AURA™ Compact can be used in an array of industries for leak testing a diverse range of parts.

**2 YEAR WARRANTY ON LEAK TESTER**

**LIFETIME ON CALIBRATED LEAK STANDARD**



### FEATURES

- Five leak test methods: vacuum decay, pressure decay, differential pressure, mass flow, and mass flow differential
- < 0.1 scc/m (time and part size dependent), 24 bit A-D with 0.00001 psi resolution
- Micro controller with 3.5" color touchscreen operator interface with user-friendly menus
- Two channel testers available for decay testing
- Built-in, ISO 17025 certified/NIST traceable calibrated leak standard with lifetime warranty
- 100+ available recipes
- Data storage capacity of over 5 million test results via internal 8GB SD card
- Automated part clamping / sealing

### SPECIFICATIONS

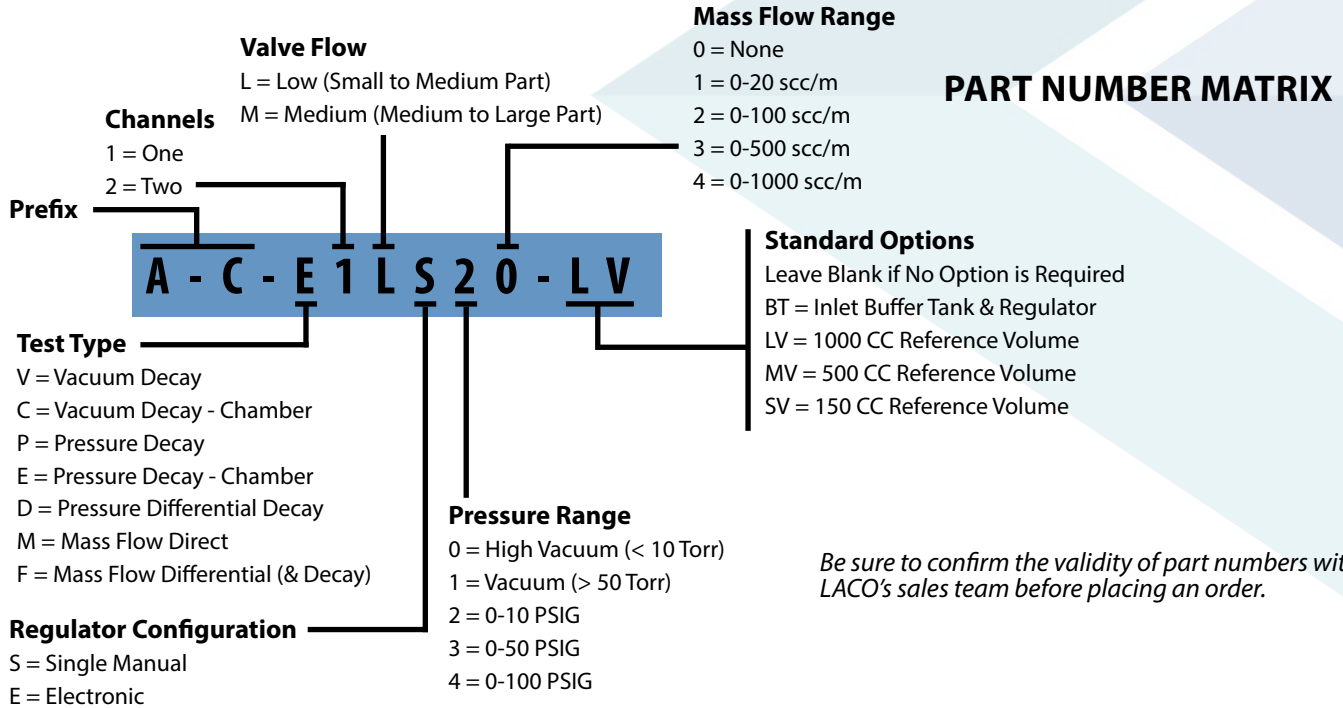
| COMPONENT                    | DESCRIPTION  |
|------------------------------|--|
| <b>CONTROL SYSTEM</b>        | Micro controller with 3.5" color touchscreen and illuminated start/stop buttons              |
| <b>COMMUNICATION</b>         | RS232 for remote control or bar code   |
| <b>TEST METHODS</b>          | Pressure and vacuum decay, differential pressure, mass flow, and mass flow differential      |
| <b>CHANNELS</b>              | Up to 2  |
| <b>TEST PRESSURE</b>         | Up to 100 psig   |
| <b>LEAK TEST SENSITIVITY</b> | < 0.1 scc/m (time and part size dependent)   |
| <b>PRESSURE RESOLUTION</b>   | 24 Bit A-D, 0.00001 psi resolution (0-100 psig full scale)                                   |
| <b>LEAK STANDARD</b>         | Includes, ISO 17025 certified/NIST traceable calibrated leak standard with lifetime warranty |
| <b>PNEUMATICS</b>            | Compressed air required (70-120 psig)  |
| <b>DIMENSIONS</b>            | 9" H x 12"W x 12"D (23 cm H x 30.5 cm x 30.5 cm D) with sloped front                         |
| <b>MOUNTING</b>              | Table top box or system frame mount  |
| <b>ELECTRICAL</b>            | 90-250 VAC, 50/60 Hz, 250 Watts, IEC C13 connection  |
| <b>CONTROL OPTIONS</b>       | Controller includes standard I/O for remote control and clamping                             |

### OPTIONS & ACCESSORIES

- Volume dump method for testing sealed (non-fillable) parts
- Electronic regulators
- Bar code reader

### COMMUNICATION & DATA LOGGING

- Enter test ID data manually or via optional bar code reader
- Test summary log to .csv file
- Retrieve data by SD card or RS232 connection



| AURA™ COMPACT ACCESSORIES         |             |
|-----------------------------------|-------------|
| DESCRIPTION                       | PART NUMBER |
| Bar Code Reader for AURA™ Compact | LT-BC       |



LT-BC (bar code reader)

| EXTERNAL OPEN-STYLE CALIBRATED LEAK STANDARDS FOR AURA™ COMPACT |           |                |                      |                        |
|---|-----------|----------------|----------------------|------------------------|
| GAS   | LEAK RATE | INLET PRESSURE | CONNECTION           | PART NUMBER            |
| Air   | 0.1 scc/m | 25 psig        | Straight, 10-32 Male | CM521.0-11009A0/3/25-2 |
| Air   | 0.3 scc/m | 25 psig        | Straight, 10-32 Male | CM523.0-11009A0/3/25-2 |
| Air   | 5 scc/m   | 25 psig        | Straight, 10-32 Male | CM525.0-01009A0/3/25-2 |
| Air   | 0.2 scc/m | 25 psig        | Straight, 10-32 Male | CM522.0-11009A0/3/25-2 |



10-32 thread open-style leak standard

(Many other leak standard configurations available including alternate leak rate values based on different pressure requirements. Quotes for custom configurations available upon request.)