

## Chell CLC100 Leak Tester

- **Any full scale pressure between -1 and 10 barg, with vacuum/ absolute ranges available**
- **Programmable pressure decay / rate of rise time**
- **Programmable pass/fail criteria, with notification on test completion**
- **Simple one-button test start**
- **OLED display**
- **High integrity manifold and isolation valves**
- **High resolution display for optimum leak sensitivity**
- **On-board web server for operation, set up and diagnostics**



The CLC100 is a simple to use leak tester designed for fast and reliable leak testing in a huge range of applications and over a wide range of absolute and gauge, positive and negative pressures.

Its intuitive setup allows a new test to be programmed in seconds, either from the device front panel membrane buttons or via the on-board web server where a PC can be connected via an Ethernet cable and a web browser used to operate, set up and perform diagnostic functions.

During the test a countdown is shown, along with the current pressure. On test completion a clear pass/fail notification is displayed, along with the delta pressure decay or rise measured during the test.

## CLC100 Specifications

Pressure display resolution:	6 digits
Test time:	1 second to 23 hrs, programmable with 1 second resolution
Pressure Range:	Any full scale between -1 and 10 barg / 0.01 to 11 bara
Pressure units:	Free text entry, 5 digits
Integral Display:	OLED
Remote Communications:	10/100 Base-T Ethernet with embedded web server for set up and operation
Warm up time to full accuracy:	10 minutes (assumes instrument already stabilised at ambient conditions)
Power Supply:	24VDC
Leak test port:	G $\frac{1}{4}$ female (BSPP)
Supply gas interface:	$\frac{1}{4}$ " Swagelok® compression fittings (others on request)
Operating Temperature Range:	+15°C to +40°C
Storage Temperature Range:	-20°C to +70°C
Maximum Relative Humidity:	95% at 50°C

**Alternative mechanical interfaces, higher pressure ranges and automated pressure control also available.**

