ŪSON

for good measure

628

Versatile & Accurate Pressure Decay Leak Tester

ŪSON 628

Program Mode

Program | Data | Date Time | Setup | Run Mode

628

Delivers high customer value in an accurate and easy-to-use leak tester design

USON | The Pioneer of Modern Leak and Flow Testing

➤ **Reduce the likelihood** of product deviations or recall issues through early identification of leaks

➤ **Choose from five different pressure ranges** from vacuum up to 15 bar to cover a wide range of applications from medical check valves to automotive radiators and more

➤ **Create and save up to 30** test programs for fast recall

Request a free Feasibility Study for your application at
http://www.uson.com/contact-us/

Bring your most challenging application, and we'll take a look!

USER EXPERIENCE

Designed For Ease of Use and Minimal Training

New Backlit User Interface makes viewing and accessing specific information easy

Intelligently designed menu system makes setup quick and easy, even to the new user

Factory-programmed language options, including Chinese and Spanish, are available

PERFORMANCE

Reliable, Accurate Results Every Time

Powerful yet simple instrument can run multiple tests including differential pressure and vacuum decay

24-bit high resolution for accurate measurements

Industry-proven proprietary sensor and valves provides reliable operation

www.uson.com

Uson's 628 leak tester delivers uncompromising precision and accuracy.

With an intelligently designed user interface, the easy-to-use Uson 628 leak tester delivers clear, non-subjective results with the level of performance expected from more complex and expensive instruments.

for good measūre

At Uson, we work closely with our customers to understand their unique and changing needs. We combine this insight with the knowledge of cutting-edge technologies to predict the future needs of our customers and their industries.

Uson's experienced and knowledgeable engineers ensure each customer receives increased testing speed, sensitivity, and repeatability. As a pioneer of automated leak testing equipment for medical devices, medical packaging, automotive, pharmaceutical, and industrial home appliance industries, and others, Uson has more experience in these specialized fields than any other company in the world.

With the largest installed base of leak testers in industries like medical device and automobile manufacturing, Uson builds leak testers and accessories to exacting standards demanded by the world's leading manufacturers. This unrivaled experience and expertise is complemented by global sales and support.

Count on us for quality products and after-sales care.

CONTROL

Information at Your Fingertips to Stay in Control of Your Process

USB port accommodates quick firmware updates, data transfer, and program backup

Single password securely controls programs and data access

Couple safety valves control machine position if power is lost

QUALITY & PERFORMANCE

Superior level of performance expected from more expensive instruments

Advanced, upgrade-friendly design makes servicing easy

Single range 0-20 mbar calibration for accurate results

Reliable, solid-state hard drive delivers high-speed data

Durable, splash-proof and dust-proof enclosure protects electronics

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Model 628 SPECIFICATIONS

LEAK RATE MEASUREMENT	
SENSOR TYPE	Capacitive Differential
RANGE	20 mbar/2000 Pa/0.29 psi
RESOLUTION	0.01 mbar/1 Pa/0.0001 psi
ACCURACY	± 1% range
TEST PRESSURE MEASUREMENT	
SENSOR TYPE	Solid State
RANGES	-950 mbar/-95 kPa/-14 psig
	1 bar/100 kPa/15 psig
	4 bar/400 kPa/60 psig
	10 bar/1000 kPa/150 psig
	15 bar/1500 kPa/225 psig
ACCURACY	± 1% of Gauge Pressure Range
GENERAL SPECIFICATIONS	
NUMBER OF PROGRAMS	30
USER INTERFACE	Display, LCD, 4.3"
	Start & Reset Buttons
	Tactile Programming Keys
	Pass/Reject LED Light Bars
INTERFACE	Serial, External I/O Control, and USB
SUPPLY INPUT	24 VDC
AIR SUPPLY	Clean, dry air, 4 – 15 bar
	(60 – 225 psig)
DIMENSIONS	5.3 x 12.6 x 13.2 inches (134.62 x 320.04 x 335.28 mm)
WEIGHT	22lbs (10kg)
PRESSURE UNITS	psig, bar, mbar, Pa, kPa, kgcm^2, mmH$_2$O, cmH$_2$O, inH$_2$O, mmHg, cmHg, mHg
MANUFACTURING STANDARDS	ISO 9001:2008
	Certified to CE requirements
	RoHS
	WEEE
ACCESSORIES	
SERIAL PRINTER KIT	690214 (US), 690215 (UK), 690216 (EU)
REMOTE I/O PENDANT	690210
Q6 I/O ADAPTOR	690200
OIL-LESS VACUUM PUMP	690211 (US), 690212 (UK), 690213 (EU)

Due to a program of continuous development, specifications may be changed without notice.