

Uson L.P.

8640 N. Eldridge Parkway
Houston, TX 77041
USA
Phone: +1-281-671-2000
Fax: +1-281-671-2001
www.uson.com

Detroit Office

31471 Utica Road
Fraser, MI 48026
USA
Phone: +1-248-589-3100
Fax: +1-248-589-3103

Uson China

Room 601, 567 Lan Gao Road
Shanghai, 200333
P.R. China
Main: 021-583 65859
021-583 59187
Fax: 021-583 59185
021-337 73559
www.uson.com.cn

Uson Ltd.

Western Way
Bury St. Edmonds
Suffolk, IP33 3SP
United Kingdom
Phone: +44-1284-760606
Fax: +44-1284-763049

Model 628 SPECIFICATIONS

LEAK RATE MEASUREMENT	Single Sensor Range
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
ACCURACY	± 1% of Gauge Pressure Range
GENERAL SPECIFICATIONS	
NUMBER OF PROGRAMS	8
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	650201
REMOTE I/O PENDANT	TBA
Q6 I/O ADAPTOR	TBA
VACUUM OIL-LESS PUMP	TBA

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

Versatile & Accurate Pressure Decay Leak Tester



628

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

Uson

Pioneer of Modern Leak and Flow Testing



for good measurē



- ➔ **Reduce the likelihood** of product deviations or recall issues through early identification of leaks
- ➔ **Choose from four different pressure ranges** from vacuum up to ten bar to cover a wide range of applications from medical check valves to automotive radiators and more
- ➔ **Create and save up to eight test programs** for fast recall

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.

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, the automotive, pharmaceutical and medical packaging 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.

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 decay and vacuum decay

24-bit high resolution for accurate measurements

Industry-proven proprietary sensor and valves provides reliable operation

CONTROL

Information at Your Fingertips to Stay in Control of Your Process

USB port accommodates quick firmware updates and data transfer

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

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!