

uson

for good measure

Qualitek^{mR}

Multi-Range Leak and Flow Tester



for good meas^Ure

Uson's experienced and knowledgeable engineers ensure each customer receives increased testing speed, sensitivity and repeatability. As a pioneer of automated leak detection 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 the industrial, automotive and medical device industries, Uson builds leak detectors 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.

sol^Ution

A new standard in testing...from a name you trust

Qualitek mR combines the latest advances in multi-range (mR) testing technology with the expertise and reliability of one of the premier names in testing. Head and shoulders above any other tester of its type on the market, this versatile and affordable product offers high-quality and accurate results for light- to medium-duty applications.

For many years, Qualitek has been the proven standard for fast, reliable leak testing in industrial markets. Today's new mR line combines the best features of predecessors into one efficient and easy-to-use tester. Backed by Uson's world-renowned reputation, Qualitek mR sets a new benchmark of accuracy and dependability.

The next generation of leak detection

Designed to be used on the benchtop or mounted into automated systems, Qualitek mR is impressively simple to use. The convenient and easy-to-read display lends efficiency and helps prevent errors. But don't be mistaken—the most sophisticated technology available is built into every single Qualitek mR unit.

Qualitek mR is a highly configurable system that accepts a full range of tests and transducers. It contains the most current leak testing technology, including a powerful toolbox complete with a full menu of options including:

- Pressure profile
- Charting
- Data analysis
- Programs storage
- Scroll-and-click control wheel

accTuracy

Versatile and affordable, the Qualitek mR offers high-quality and accurate results for light- to medium-duty applications. It hasn't been tested until it's been Qualitected.

1
CHANNEL



QUALITEK mR



Key features

- 1.1 – Color graphics touch screen display on an adjustable base provides optimal viewing
- 1.2 – Easy-to-use interface walks users through a system of intuitive menus
- 1.3 – Key switch locks in programming for secure testing
- 1.4 – USB ports offer convenient connection to data storage and other devices
- 1.5 – Scroll and click control wheel makes navigation easy
- 1.6 – Comprehensive rear communications ports and easy accessibility
- 1.7 – Pop up keyboard for easy increment/decrement of numerical parameters



1.1 Enhanced, touch screen graphic capabilities



1.2 Intuitive menus



1.3 Lock-in programming



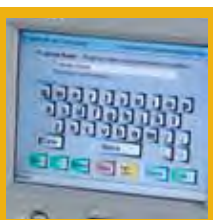
1.4 Simple connectivity



1.5 Easy Navigation



1.6 Flexible and adaptable



1.7 Pop up keyboard

Designed with a new level of user-friendly accuracy

The stellar qualities that have made Qualitek one of the world's leading leak testing brands have been brought together and maximized to make the new Qualitek mR line the most versatile and accurate ever.

More than any other tester in the field, it is:

- Easy and intuitive to use
- Easy to learn and teach others to use
- Easy to integrate
- Easy to adjust for maximum readability; computer-style mount allows effortless angle changes for optimum viewing



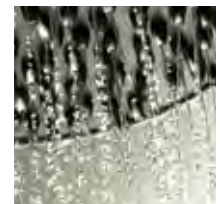
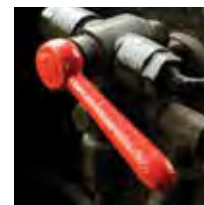
Touch screen

Qualitek mR's versatility gives you the valuable option of using the same testing platform for several techniques, saving time and effort by training personnel on one product. Comprehensive communication options, which offer straightforward integration with peripherals or automation equipment, include:

- USB
- Ethernet
- RS 232
- Digital I/O for PLC interface
- Modbus, Profibus, Device Net
- E-mail alerts

This exciting tester also has a hidden asset that offers outstanding value to every client. Qualitek is made by Uson, the authoritative pioneer in leak testing. Every tester is backed with our solid reputation and comes complete with support from our expert sales and service team to ensure a long and productive lifetime of use.

Examples of Applications



**Faucets
Pumps
Valves**

**Head Lamps
Castings
Washer Fluid Bottles**

**Shower Heads
Ink cartridges
Cylinders**

The full list of applications includes many other products designed to contain, transfer, or keep at bay all kinds of fluids. Even if your product is not listed here, Uson can still provide you with a leak test solution.

Test Capabilities

Select from:

- Pressure Decay Testing – Differential or Gauge
- Pressure Increase Testing
- Sealed Component Testing
- Vacuum Decay Testing
- Occlusion Testing
- Back-Pressure Testing
- Mass Flow Testing – Standard or Differential
- Laminar Flow
- Seal Creep Testing
- Vacuum Force Decay

Specifications

Model: Qualitek mR

Description: Multi-Function Leak & Flow Tester

Display: 8.5" Diagonal 640 x 480 Color Graphic Backlit Touch-Screen LCD

Digital I/O: 5 outputs, 11 inputs – standard
8 outputs, 16 inputs – option

Communication: RS 232, USB, Ethernet, Modbus, Profibus, Device Net

Languages: English, Spanish, German (user selectable)

Note: Custom languages also available

Test Programs: 100

Test Channels Available: 1

Enclosure Dimensions: 9.5" (H)* x 14" (W) x 13.5" (D)**
(242mm x 356mm x 343mm)

**12" (H) (305mm) with base attached.*

***17" (D) (432mm) with filter bowl attached.*

Power Supply: 100-240VAC 50/60Hz (Auto Sensing & Switching)

Pressure Range: Up to 225 psig/15 bar differential
Up to 500 psig/35 bar gauge

Flow Range: Up to 100 liters per minute

Units: User selectable from a selection of 15 flow and pressure units of measure

Calibration: NIST Traceable

Leak Measurement: Calculated flow or delta pressure

Uson

Uson L.P.

8640 N. Eldridge Parkway
Houston, TX 77041

USA

Phone: +1-281-671-2000

Fax: +1-281-671-2001

www.uson.com

Uson China

Room 1701 Suncome Liauw's Plaza

No. 738 Shangcheng Road

Pudong, Shanghai 200120

P.R. China

Main: +86-21-58365859

Fax: +86-21-58359185

www.uson.com.cn

Uson Ltd.

Western Way

Bury St. Edmunds

Suffolk, IP33 3SP

United Kingdom

Phone: +44-1284-760606

Fax: +44-1284-763049

www.uson.uk

