

**u**son  
for good measure

*Sprint*<sup>iQ</sup>

Multi-Function Leak and Flow Tester



for good meas<sup>U</sup>re

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 medical device industry, 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.

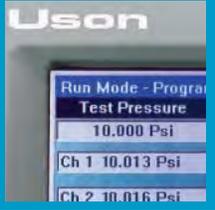
# sol<sup>U</sup>tion

# SPRINT iQ



## *Key features*

- 1.1 – Color graphics on an angled screen provide optimal viewing
- 1.2 – Easy-to-use interface walks users through a system of intuitive menus
- 1.3 – Large start and reset buttons are the ultimate in user friendliness
- 1.4 – Key switch locks in programming for secure testing
- 1.5 – USB port offers convenient connection to data storage and other devices
- 1.6 – Up to four channels, and front or side loading, provide unparalleled versatility
- 1.7 – View from the back illustrates flexibility



### 1.1 Enhanced graphic capabilities



### 1.2 Intuitive menus



### 1.3 Fingertip controls



### 1.4 Lock-in programming



### 1.5 Simple connectivity



### 1.6 Multi-channel capacity



### 1.7 Flexible and adaptable

## Out of the box and on the job

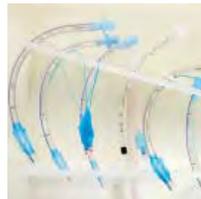
Ease of use and simple validation has led to the worldwide success of Uson's Sprint series of testers, and thousands are installed worldwide. With their small footprints and front panel connection ports, Sprint products are the testers of choice for medical devices and light- to medium-duty industrial applications.

Sprint iQ carries on this tradition, but it goes beyond previous technology with an easy-to-use interface and even more compact design. Within minutes of unpacking the Sprint iQ, users can be testing. An intuitive simple-to-follow system of menus guides you through the setup of the system and you are quickly on your way.

The Sprint iQ utilizes the highest quality components to deliver unsurpassed performance and value. Every detail has been engineered for convenience and effortless use.

With the Sprint iQ, users will find the level of technological detail expected from the leader in leak testing. A key switch ensures an unauthorized user cannot change the machine's programming, and testing software is completely embedded within the machine so others cannot attempt to update it.

## Examples of Applications



**Catheter**  
Syringe  
Valve



**Bottle**  
Luer fitting  
IV set



**Bag**  
Filter  
Cassette



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.

### *A new generation of testing*

Sprint iQ is an easy-to-use, reliable, leak and flow tester from Uson, one of the most trusted names in testing. Extremely user friendly and exceptionally compact, Sprint iQ offers highly sophisticated testing abilities that can be customized to many special applications. Count on dependability, quality, and customer service backed by a name trusted by thousands.

The high-tech and high-quality Sprint iQ takes Uson's proven technology for multi-function leak and flow testers a step further. Its customer-driven design includes many of the same features that have made the Sprint-LC the standard around the world, but it is even easier to use and more flexible.

### *Versatility is key*

Sprint iQ is available as a single channel tester, or it can be configured with up to four channels performing concurrent or sequential testing. It's perfect for laboratory and clean room testing, and offers solutions for the full range of manual or automated applications. Sprint iQ's up-to-the-minute technology makes it possible to offer multiple testing techniques such as leak, flow, burst, and occlusion in one machine.

Comprehensive communication options mean effortless integration with peripherals or automation equipment. A USB port for data storage and connection to other devices is located on the front of the tester for easy access, and Ethernet connections are available.

accTracy

Compact and extremely user friendly, the iQ is perfect for bench or desktop use and is loaded with impressive standard features with options for customization.

4  
CHANNELS



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## Test Capabilities

- Pressure Decay Testing
- Pressure Increase Testing
- Sealed Component Testing
- Volume Verification Testing
- Inter-Lumen Decay Testing
- Vacuum Decay Testing
- Occlusion Testing
- Back-Pressure Testing
- Mass Flow Testing
- Seal Creep Testing
- Burst Testing
- Crack Testing
- Fast Flush Device Testing

## Specifications

**Model:** Sprint iQ

**Description:** Multi-Function Leak & Flow Tester

**Display:** 5.7" Diagonal 320 x 240 Color Graphic Backlit LCD

**Languages:** English, Spanish, German (user selectable)

*Note: Custom languages also available*

**Test Programs:** 100

**Test Channels Available:** 1, 2, 3 or 4 (sequential or concurrent)

**Enclosure Dimensions:** 8.9" x 15.0" x 10.8" (226mm x 381mm x 274mm)

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

**Pressure Range:** Up to 500psi

**Flow Range:** Up to 20 liters per minute

**Configuration:** Combination of up to five testing techniques per tester

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

**Calibration:** NIST Traceable

**Leak Measurement:** Calculated flow or delta pressure

