



Advanced Test Equipment Corp.
www.atecorp.com 800-404-ATEC (2832)



Bringing the best together

SMART-Spray, I-BOOST and SPRAY-Check
for UL leak detectors



Smart enhancements for smart leak detection

SMART-Spray, I-BOOST and SPRAY-Check

Our new and intelligent additions for INFICON UL leak detectors raise leak detection to a whole new level. Rely on quicker response times and on testing periods that produce precise, reliable measurements results. Maximize the performance of your UL leak detectors with SMART-Spray, I-BOOST and SPRAY-Check.

I-BOOST

Better performance, quicker reaction time: Use the I-BOOST software in ULTRA vacuum mode and cut the leak detection and location time by up to 50%. Achieve fast, highly precise measurement results thanks to much quicker response times for the most varied chamber volumes.

ADVANTAGES AT A GLANCE:

- ✓ Accelerated leak rate signal for ever faster leak tests
- ✓ Test points can be sprayed in shorter intervals
- ✓ Virtual helium pumping rate of up to several hundred l/s
- ✓ Individually adjustable acceleration rates for the best system conditions

SPRAY-CHECK

Simple installation, substantial benefits SPRAY-Check is a test leak used to reliably check the functionality and operational readiness when searching for leakage. Relevant range of 10^{-9} to 10^{-8} mbar l/s.

ADVANTAGES AT A GLANCE:

- ✓ Can be placed on the vacuum chamber or directly on the leak detector
- ✓ Can be permeated only by test gases, e.g. helium; test chamber is not contaminated
- ✓ Especially fast and safe when checking for leaks in measuring ranges below 10^{-7} mbar l/s
- ✓ Enables determination of dead time (time between spraying helium and increase in leak rate signal on leak detector)

SMART-SPRAY

No connecting hoses, no effort, no errors: The new SMART-Spray makes leak testing more flexible and efficient than ever. Forget tricky handling of large helium cylinders, working with hoses and cumbersome, time-consuming manual adjustment of the helium spray. SMART-Spray makes leak detection much faster and simpler, and it is more reliable and effective.

ADVANTAGES AT A GLANCE:

- ✓ Maximum flexibility and easy handling without a hose
- ✓ Precisely predefined helium quantity for optimum helium flow
- ✓ Refillable mini cartridges (HeliCan) with more than 1000 sprays
- ✓ Integrated color screen showing readiness for use, helium spray duration and leak rate
- ✓ Simple control of leak detector as with remote control
- ✓ Integrated illumination for use in darker leak testing areas
- ✓ USB-C charging port and replaceable battery



SMART-SPRAY, I-BOOST AND SPRAY-CHECK

COMPATIBILITY	SMART-SPRAY	I-BOOST	SPRAY-CHECK
UL1000/UL5000 series	✓		✓
UL3000 Fab/UL6000 Fab series	✓	✓	✓

TECHNICAL DATA

SMART-Spray

Available flow rates*	S ~ 12 sccm, M ~ 70 sccm, L ~ 250 sccm, XL ~ 1100 sccm
Number of sprays of HeliCan 50 ml**	S > 600, M > 110, L > 30
Number of sprays of HeliCan 405 ml**	S > 5000, M > 900, L > 260, XL > 50
Adjustable duration of each spray	1.0 to 9.9 s
Battery	Li-Ion, 3.63 V, 3.35 Ah, 12.16 Wh
Battery operating time	> 10 h (at full capacity)
Leak detector remote control	All basic functions, such as: start/stop, zero, etc.
Screen	1.8 inch 280 x 320 pixel color display: Graphic/numerical leak rates and status display (remote control, battery, approx. HeliCan level, approx. number of sprays remaining)
I-BOOST acceleration factor	Response time up to 64 times higher
SPRAY-Check TL8 leak rate range	1.0 to 9.9 x 10 ⁻⁸ mbar l/s

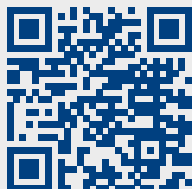
ORDERING INFORMATION

SMART-Spray helium spray gun set***	551-050
HeliCan helium cartridge, 50 ml – empty	Upon request
HeliCan helium cartridge, 405 ml – empty	Upon request
HeliCan helium cartridge, 50 ml, 6 bar	551-067
HeliCan helium cartridge, 405 ml, 6 bar (hazardous material)	551-068
HeliCan helium cartridge, 405 ml, 1.9 bar	551-068A
Filling station for HeliCan helium cartridge	551-070
Filling adapter for filling using a spray tip	Upon request
Battery charger with additional battery	551-080
Battery charger	551-081
Battery	551-085
Flow-Check to check helium flow	Upon request
Protective cover for SMART-Spray	Upon request
Empty case	Upon request
Flexible spray tip	Upon request
I-BOOST software license	551-600
SPRAY-Check TL8	551-031

* At 20 °C ambient temperature

** Number of sprays every two seconds at a filling pressure of 6 bar

*** Incl. Bluetooth transmitter and adapter for UL devices, battery, charger cable, 2 x 50 ml HeliCan, hand strap



SMART-SPRAY, I-BOOST AND SPRAY-CHECK: PRODUCT DEMONSTRATIONS ON SITE

We would be delighted to demonstrate our new features at your facility and show you the individual advantages and benefits. We will help you to develop the testing process to best suit your specific application, and we will provide comprehensive support for integration of the innovative features into your testing environment. Simply click on the QR code and make an appointment.



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Due to our continuing program of product improvements, specifications are subject to change without notice.
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