



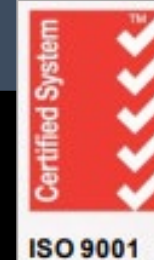
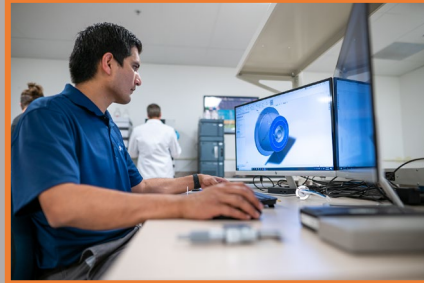
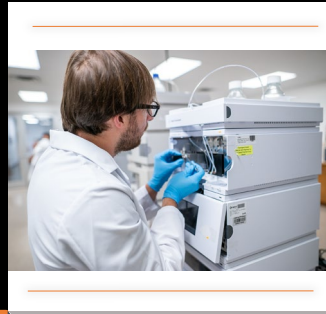
Sciencix

SERVING ROYALTY.

EXCEEDING EXPECTATIONS.

EVERY MOMENT.

Quality Assurance



Sciencix

SERVING ROYALTY. EXCEEDING EXPECTATIONS. EVERY MOMENT.

- In business **since 1985**
- Our expectation is **100%** quality products
- Customers have support from our team of service engineers with **over 132 years** of combined experience in our Test Lab for consultation related to all Sciencix products

ISO9001:2015 Certified Quality Management System

Successful audit in Sept. 2019, re-certified in Nov. 2020.



Sciencix Parts are Comparable to OEMs Including:

- ACQUITY UPLC®
- Agilent®
- Alliance®
- Beckman®
- Dionex™
- Hitachi®
- Nexera/Nexera-i®
- PerkinElmer®
- PharMed®
- Rheodyne®
- Shimadzu®
- Sciex™
- Thermo Scientific™
- VICI®/Valco®
- Waters®



Sciencix Lifetime Warranty

EACH SCIENCIX PRODUCT IS BACKED WITH A LIFETIME WARRANTY AGAINST ANY MANUFACTURING DEFECT.

SCIENCIX DEFINES THE LIFETIME OF A PART IN ACCORDANCE WITH THE NORMAL EXPECTED PERFORMANCE OF THE COMPARABLE OEM PART.



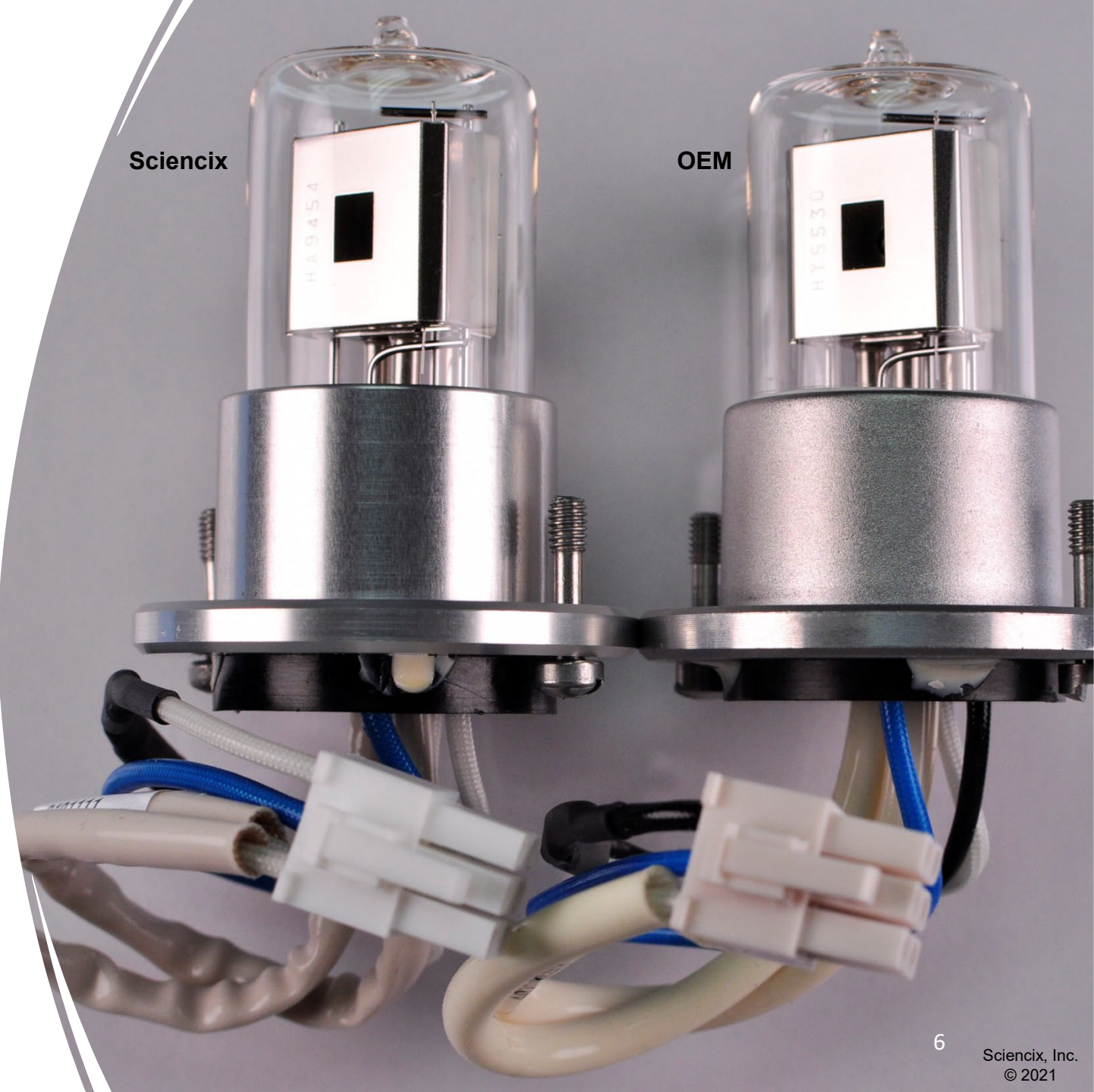
Lamp Side-By-Side Comparisons

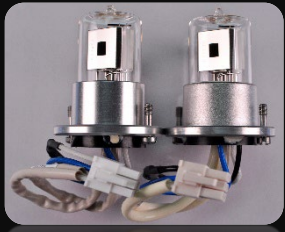
Sciencix with OEMs

See all Sciencix lamps by visiting us at www.Sciencix.com

Side by Side Visual Comparison

Sciencix 11-4143 Long Life
Deuterium Lamp (2000hr)
with OEM 201000186

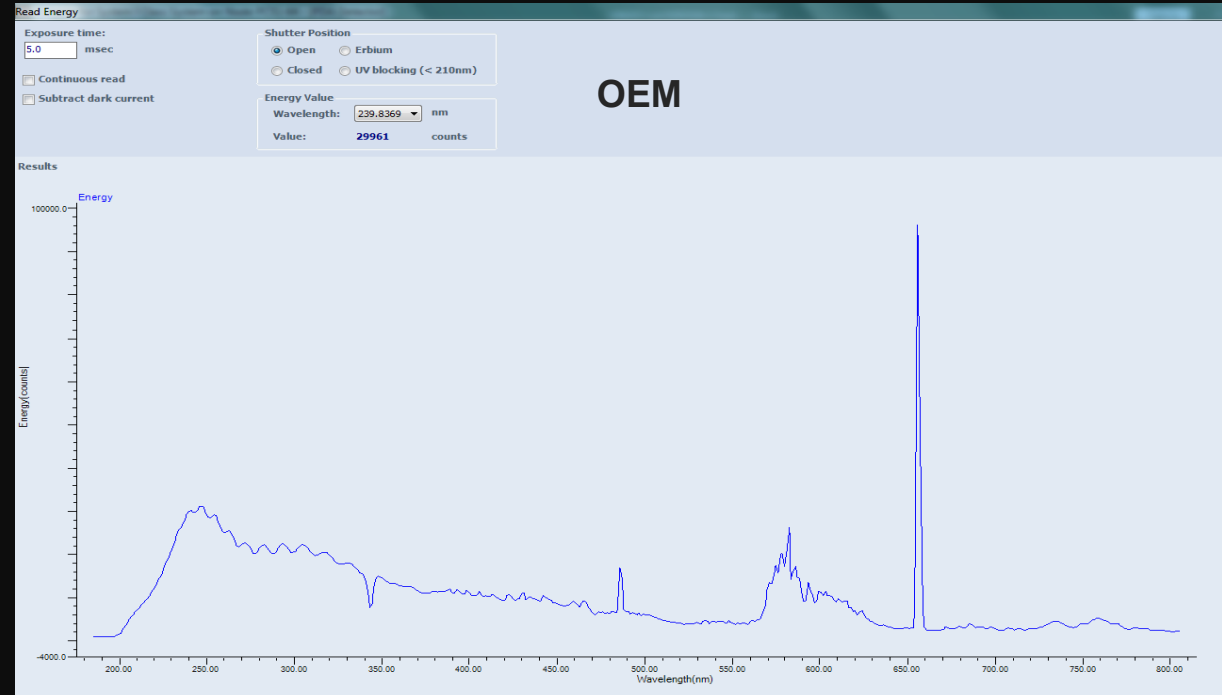
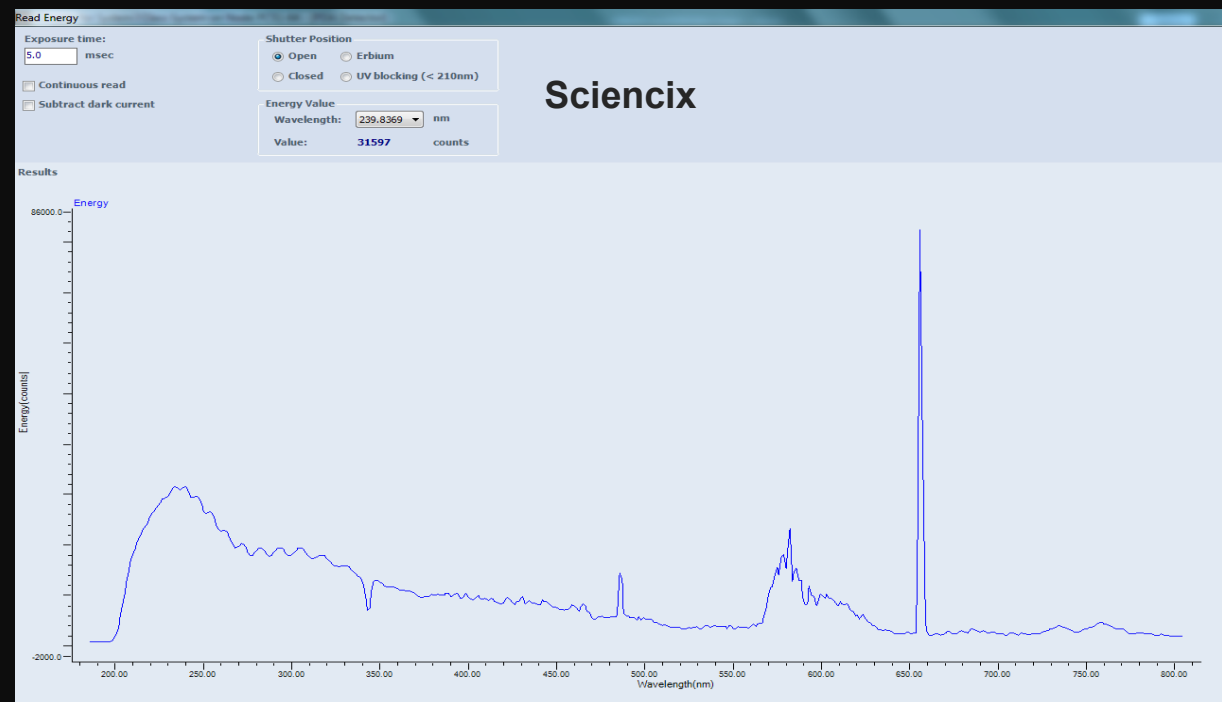




Lamp Comparison

Sciencix 11-4143 with OEM 201000186

Compared to the OEM, the Sciencix lamp had a larger UV intensity, similar UV wavelength accuracy, and comparable noise and drift.



	Sciencix 11-4143	OEM
Anode Current	301 mADC	301 mADC
Anode Start Voltage	89 VDC	92 VDC
Anode Operating Voltage	89 VDC	88 VDC
Filament Pre-heat Voltage	2.0 VDC	2.1 VDC
Filament Operating Voltage	1.3 VDC	1.4 VDC
Filament Pre-head Current	4.5 ADC	4.3 ADC

Parameter	Sciencix 11-4143	OEM
UV Intensity at 239.8 nm	31597 Counts	29961 Counts
Largest Wavelength Deviation	0.311 nm	0.265 nm
Drift at 254 nm	-4.96 mAU/hr	-4.65 mAU/h
Noise at 254	0.047 mAU	0.075 mAU

Side-by-Side Visual Comparison



Sciencix 11-4110



OEM 5182-1530



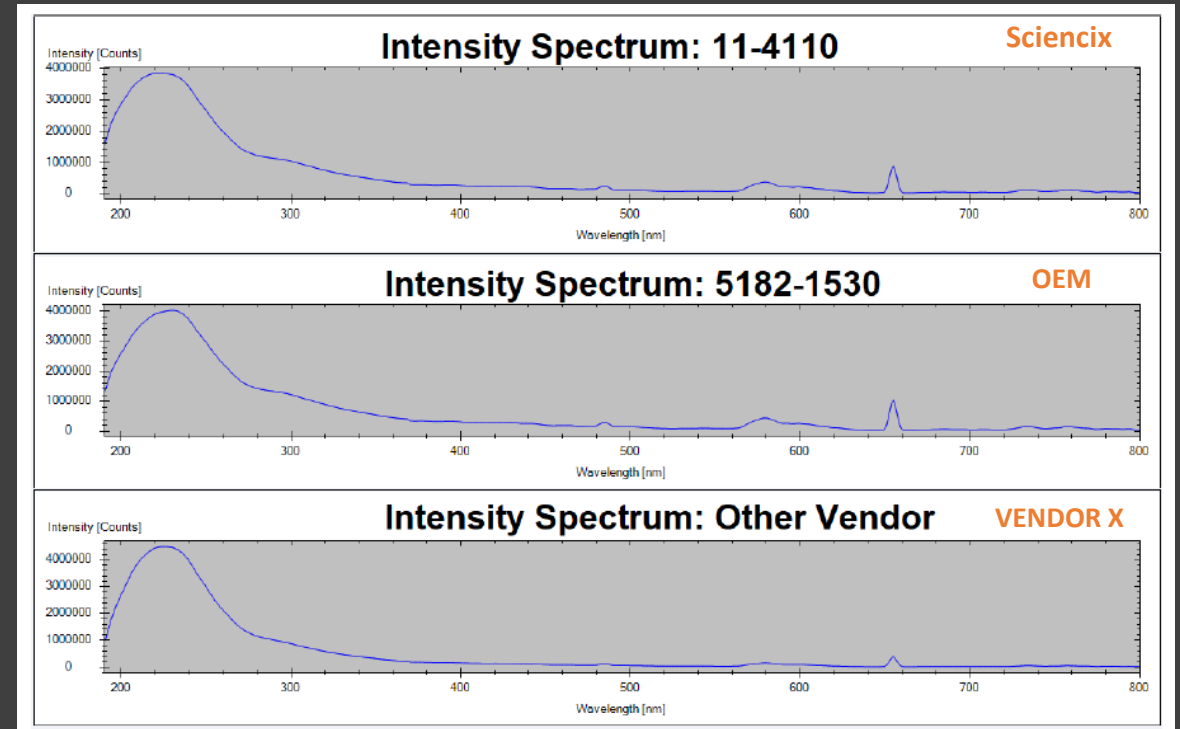
"Vendor X"

Sciencix 11-4110 Long Life Deuterium Lamp (2000hr)
with
OEM 5182-1530 and "Vendor X"

Lamp Comparison

Sciencix 11-4110 Long Life Deuterium Lamp (2000hr) with OEM 5182-1530 & “Vendor X”

- At right, a **comparison of UV spectra** between 11-4110 (at top), OEM and Vendor X.
- Compared to OEM and Vendor X, **Sciencix 11-4110 lamp shows comparable UV emission performance to the OEM.** The other vendor lamp shows decreased UV output above 400 nm.



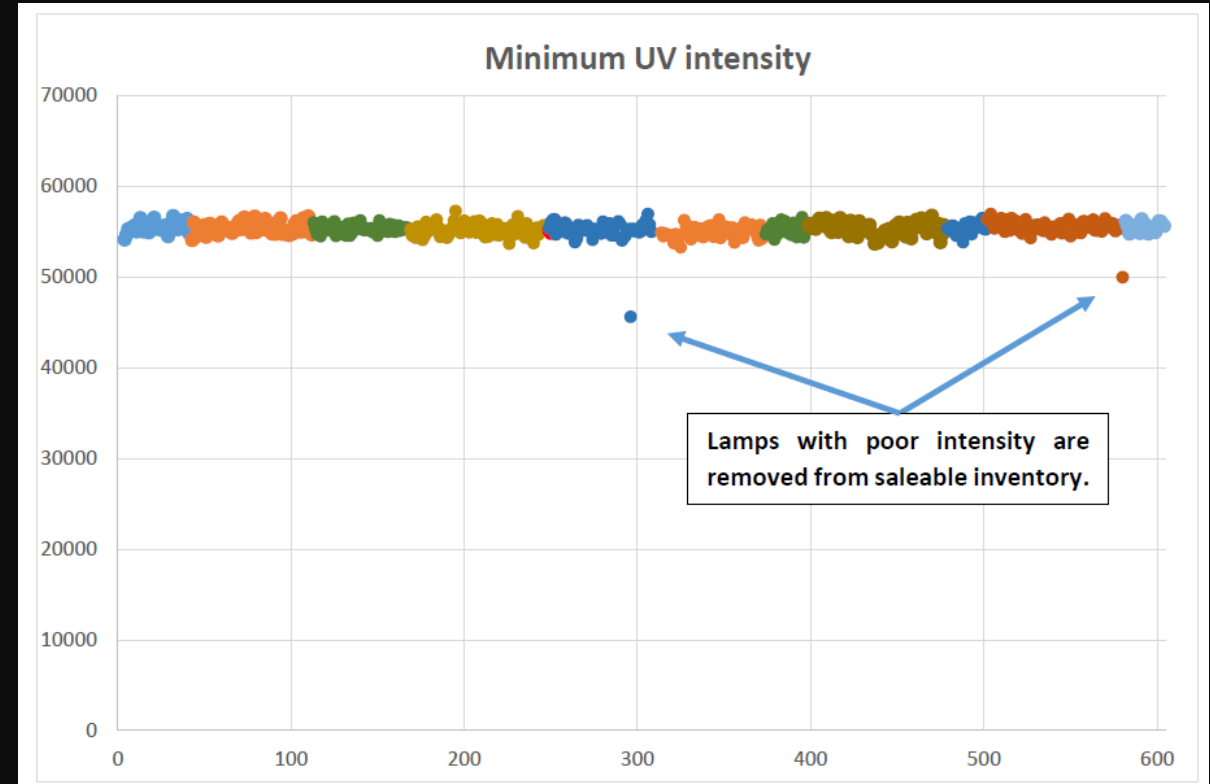


Lamp Comparison

Sciencix 11-4110 Long Life Deuterium Lamp (2000hr)

- 100% of the Sciencix 11-4110 Long Life Deuterium lamps sold are tested in laboratory conditions to ensure that quality is never compromised.
- At right, a visual of minimum UV intensity of 11-4110 lamps over multiple production lots is shown.

(Each color of data points represents a separate production lot.)



Sciencix Long Life Deuterium Lamps



Replacement Frequency:
Sciencix recommends replacing the lamp when it fails to ignite repeatedly, when the detector fails to calibrate, or when noise and drift exceed application limits.



Installation Information:
Sciencix parts are designed to be compatible and interchangeable with OEM parts.



Please see instrument service manual for proper removal and installation procedure.



Warranty: We extend a Lifetime Warranty against any manufacturing defects on all Sciencix HPLC repair parts.



If a defect is identified, please contact us at 800.682.6480 or by email at sales@sciencix.com to report the issue.



We will assist you with a resolution in a timely fashion.



Sciencix Part #: 11-4109

Long Life HiS Deuterium Lamp, 8 pin, RFID (2,000 hr)

Comparable to OEM: 5190-0917

Description: This lamp is designed to be compatible with Agilent®1290, G4212A/B and G7117A/B/C/D detectors. It is comparable to Agilent® part number 5190-0917.

Operating lifetime of 2,000 hours

Materials: pre-tinned brass (socket contacts), natural color nylon (connector plug), and fused silica (lamp envelope)



Sciencix Part #: 11-3984

Long Life Deuterium Lamp, RFID (2,000 hr)

Comparable to OEM: 2140-0820

Description: This long life deuterium lamp is designed to be compatible with Agilent® 1260, 1220 DAD, G1315C/D, G1365C/D, G7115A and G7165A detectors. It is comparable to Agilent® part number 2140-0820.

Operating lifetime of 2,000 hours

Materials: pre-tinned brass (socket contacts), natural color nylon (connector plug), and fused silica (lamp envelope)

Sciencix Part #: 11-4111

Long Life HiS Deuterium Lamp, RFID, VWD (2,000 hr)

Comparable to OEM: G1314-60101

Description: This long life deuterium lamp is designed to be compatible with Agilent® G1314D, G1314E, G1314F and G7114A/B variable wavelength detectors. It is comparable to Agilent® part number G1314-60101.

Operating lifetime of 2,000 hours

Materials: pre-tinned brass (socket contacts), natural color nylon (connector plug), and UV glass (lamp envelope)



Sciencix Part #: CTS-10465

Deuterium Lamp (2,000 hr)

Comparable to OEM: WAS081142

Description: This deuterium lamp is designed to be compatible with Waters 2487 dual wavelength absorbance detectors, 2488 multichannel absorbance UV/ Vis detectors, Acquity UPLC® TUV detectors and nanoAcquity TUV detectors. It is comparable to Waters part number WAS081142.

Operating lifetime of 2,000 hours

Materials: pre-tinned brass (socket contacts), white color nylon (connector plug), and UV glass (lamp envelope)



Ordering & Contact Information



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Research Triangle Park, NC



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