

New Product Release

818-ST2(-UV) Series



2/12/2012
Jay Jeong
Sr. Product Marketing Manager



818-ST2 Metal Cased Wand Detectors



- Redesigned with sturdy metal housing
- Specs remaining identical as original 818-ST
- 818-ST will become obsolete in 6 months
- IR detector is to be released by Q1

Legacy Models	Price	New Models	Price
818-ST	\$454.50	818-ST2	\$595.00
818-ST/CM	\$651.45	818-ST2/CM	\$745.00
818-ST/DB	\$651.45	818-ST2/DB	\$695.00
818-ST-UV	\$954.45	818-ST2-UV	\$690.00
818-ST-UV/CM	\$1,161.50	818-ST2-UV/CM	\$990.00
818-ST-UV/DB	\$1,100.90	818-ST2-UV/DB	\$890.00

- Sturdy metal case for Si version as well – no burning and melting of housing and attenuator glue
- Mounting hole is on the side - no need of an angle bracket
- Clear Attenuator On/Off indicator
- More economical metal wand design – UV detector prices have been lowered!



Clear labels



No more angle bracket

Newport
Confidential



	Newport	Thorlabs	Coherent
UV	Clear anodization - no photo contamination pW – 200 mW	Black anodized aluminum $\pm 5 \%$ uncertainty 200 – 450 nm 5 nW – 50 mW	None
Si	Black anodized aluminum 400 – 1100 nm $\pm 1 \%$ uncertainty @ 350 nm 940 nm pW – 2 W	Black anodized aluminum 400 – 1100 nm $\pm 3 \%$ uncertainty or higher 500 pW – 500 mW	Plastic case – easy to burn 400 – 1064 nm $\pm 5 \%$ uncertainty 10 uW – 1 W
IR	Available in Q2	Black anodized aluminum	None
Features/ Specs	Better calibration uncertainty Square aperture makes alignment easy on hand Good grip on handle	Handle is very thin Attenuator switch far from handle	Disposable (no recal)

Newport
Confidential

Visual Comparison



Newport
Confidential