



Espectrómetro manual Raman NanoRam

BWT-840000341

El NanoRam es un aparato Raman de última generación y pequeño formato para la identificación y verificación no destructiva de las materias primas proporcionadas, como ingredientes activos de fármacos, excipientes y productos intermedios. El compacto y flexible NanoRam puede ser utilizado por usuarios sin conocimientos técnicos para identificar rápidamente las muestras en un almacén, una rampa de carga o un laboratorio, de modo que las áreas de cuarentena se puedan mantener lo más pequeñas posibles y se puedan acelerar los ciclos de fabricación. La tecnología Raman permite realizar análisis no destructivos a través de contenedores transparentes sin comprometer la integridad o el volumen de la muestra.

NanoRam cumple con los requisitos generales de los métodos de espectroscopía Raman, incluidos todos los requisitos según el capítulo general <858> de la Farmacopea de EE. UU., el 2.2.48 de la Farmacopea Europea, el 2.26 de la Farmacopea Japonesa y las directrices de la Farmacopea de la República Popular de China para la espectroscopía Raman. Si se trata de garantizar al 100% la identificación segura de las materias primas, los espectrómetros manuales Raman ayudan a las empresas a cumplir con las directrices PIC/S y GMP. NanoRam cumple con todos los requisitos de la norma 21 CFR parte 11 y parte 1040.10 de la Administración de Medicamentos y Alimentos de los Estados Unidos (FDA) y puede desempeñar un papel esencial en instalaciones que se rigen por las cGMP (las buenas prácticas de fabricación actuales en los Estados Unidos). Los servicios de formación y apoyo están totalmente disponibles, incluidos los

servicios de implementación de las cualificaciones IQ/OQ/PQ/DQ y el apoyo al desarrollo de métodos y/o nuevas librerías.

Partes/accesorios BWT-840000341

Qt.	Order no.	Descripción
1 PCS	BWT-840000101	Laser safety goggles (785 nm) Laser safety goggles for 785 nm lasers – suitable only for Class IIIB laser systems from B&W Tek
		
1 PCS	BWT-840000290	NanoRam Battery NanoRam (model BWS456-785 only) Rechargeable lithium-ion battery.
		
1 PCS	BWT-840000295	Vials for liquids, 15 mm in diameter Borosilicate glass vials (diameter 15 mm), package of 6, with pouch.
		
1 PCS	BWT-840000296	Stylus/pen Stylus/pen combo for touch screens. NR-STY
		

1 PCS BWT-840000298 NanoRam Carrying Case

NanoRam hard plastic rugged carrying case.



1 PCS BWT-840000301 Power Adapter, 12 V DC

Power Adapter 12 V DC; 2.0 A.



1 PCS BWT-840000305 NanoRam ID Software

NID software for use on the PC for NanoRam account management, test result review, access to test reports and the Audit Trail.



1 PCS BWT-840000307 NanoRam Product Manual Set

NanoRam documentation set including Product Manual and NanoRam ID Installation Instructions.

BWTB
Your Plastic Spectroscopy Partner

NanoRam®



NanoRam®
Handheld Raman System
User Manual

1 PCS

BWT-840000329 Pouch for 15 mm Vials

Pouch for 15 mm vials.



1 PCS

BWT-840000344 Vial Holder Adapter

Vial holder adapter, compatible with 15 mm-diameter vials.



1 PCS

BWT-840000345 Handheld Raman bottle adapter

Handheld Raman accessories: bottle adapter

NR2-BSA



1 PCS

BWT-840000347 NanoRam Immersion Probe

Immersion probe – 30.5 cm (12 inch) length – stainless steel with quartz objective.



1 PCS

BWT-840000348 Polystyrene Validation Cap

Polystyrene Validation cap with integrated ASTM standard polystyrene.



1 PCS

BWT-840000352 LAN cable

LAN cable for connection to PC.



1 PCS

BWT-840000433 O-ring replacement kit for NanoRam instruments

NanoRam O-ring replacement kit – includes: O-rings, ID 9.00 mm, x15; O-Rings, ID 10.00 mm x15; O-rings, ID 13.00 mm x10 for the shaft in handheld Raman instruments.

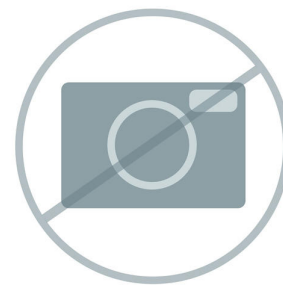


Accesorios opcionales

Order no.	Descripción	
BWT-840000294	Battery Charging Cradle	
	Lithium-ion battery charging cradle.(for charging NR-BAT and TID-BAT only).	
BWT-840000346	NanoRam Tablet Holder	
	NanoRam tablet holder adapter.	
BWT-840000349	NanoRam 6 mm Shaft	
	NanoRam (model BWS456-785 only) replacement shaft with objective for sampling adapters – point-and-shoot; vial holder; bottle adapter. Working distance 6 mm.	
BWT-840000350	NanoRam 10 mm Shaft	
	NanoRam Shaft with lens for thick container sampling. Working distance 10 mm.	

BWT-840000353 Shaft Protection Cap

Handheld Raman shaft protective cap, package of 10.



BWT-840000355 NanoRam Leather Shoulder Bag

Leather shoulder bag for NanoRam unit including one NR2-PCH-ADPT pouch for holding accessories.



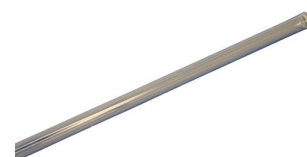
BWT-840000361 Handheld Laser Power Meter

Laser Power Meter, Pen Type, Calibrated. Range: 5 micro-Watts to 1 Watt. Used in OQ/PQ and annual certification laser power measurement.



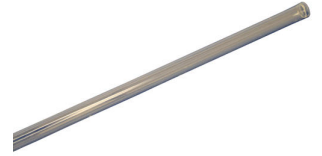
BWT-840000481 NanoRam immersion shaft protective sleeve, package of 49

Disposable, protective sleeve for the NanoRam Immersion Probe model NR2-IMP, package of 49.



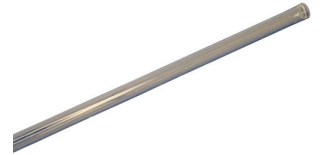
BWT-840000482 NanoRam immersion shaft protective sleeve, package of 490

Disposable, protective sleeve for the NanoRam Immersion Probe model NR2-IMP, package of 490.



BWT-840000655 Sterilized NanoRam Immersion Shaft Protective Sleeve

Sterilized disposable, protective sleeve for the NanoRam Immersion Probe model NR2-IMP; package of 490.



BWT-840000881 NanoRam Contact Probe

NanoRam accessories: 0.5" outer diameter x 150 mm L (5.9") – Raman contact probe accessory for NanoRam. Rugged 316 stainless steel shaft.



BWT-840001154 Shoulder bag for HH Raman Series

Shoulder bag for TacticID series. Constructed with 1000d heavy duty fabric, multiple tactical pouches and compartment designed for rugged use and hard wearing.. Compatible with all TacticID products and NanoRam products. For transportation purposes only.

TID-SBG

