



560 Hobby Lane
 Bath, PA 18014
 610-628-4060

Sales Order Acknowledgement

Date	S.O. No.
3/24/2022	CEI 22-3415

Name / Address
CNR Istituto Nanoscienze Piazza San Silversto 12-56127 Pisa Italy

Ship To
CNR Istituto Nanoscienze Piazza San Silversto 12-56127 Pisa Italy

Customer PO #	Payment Terms
918000082-83-84	Net 30 Days

Shipping Terms	Est Ship Date	CEI Project #
EXW Allentown	08-30-2022	CEI 22-3415

Line item	Description	Qty Ordered	Price Each	Amount
1	SRDK-408 ULV Cryocooler system • SRDK-408 4K Cryocooler system • Cooling capacity 1 W @ 4.2K • Compressor water cooled, 200 or 380/400/480V 3 phase, 50/60Hz • 6m gas line set & head power cable for CCR Ultra Low Vibration adapter, gas gap • <3K to 325K temperature range • Temperature stability ± 0.01k • Dampens cryocoolers vibration to ~ 10 nanometers of displacement Cooling capacity • 1 watts capacity at 4.2K on ULV 2nd stage cold mount (sample mount point) • 100% of CCR 2nd stage cooling capacity is transferred to sample mount point	1	54,596.10	54,596.10
2	Vacuum Base Vacuum Shroud • Stainless Steel non magnetic Vacuum Shroud base • Stainless Steel with NW16 vacuum port and 2 instrumentation ports	1	7,015.13	7,015.13
3	Optical adapter cap • Four optical ports with easy access pop off sample access • Four demountable high purity quartz windows – 1.5” windows with 1.25” clear aperture • Pop off Radiation shield with optical ports, Integrated for ULV – Gold plated for the lowest emissivity possible and no magnetic signature • Sample space with be 30mm diameter by 40mm length	1	3,254.55	3,254.55

			Total	
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4	Instrumentation for temperature control & monitoring - Custom <ul style="list-style-type: none"> • Two Silicon Diode Sensors LS-DT-670B installed (one sensor for temperature control and the other for sample monitoring on 4 inch free length) • Two 50 ohm / watt rugged cartridge heater specified for in vacuum use. Easily field replaceable. (One heater on cold tip and second on radiation shield) • One 19Pin feed through • Four Coax (~17 GHZ) with housing included 	1	3,932.18	3,932.18
5	Lakeshore Model 335 two channel temperature controller Includes cable between expander and controller & all sensors curves loaded.	1	4,353.37	4,353.37
6	Packaging and Handling	1	487.50	487.50
			Total	USD 73,638.83