

Offerta**22219763****Data: 26.01.2023**

Cliente

Università Politecnica delle Marche
 Dip.to di Scienze Agrarie, Alimentari
 ed Ambientali
 Via Breccie Bianche 2-8
 60131 Ancona AN

Informazione			
Vostro numero cliente	1238147	Contatto	
Vostro riferimento/Data		Telefono	
Valido fino al:	10.02.2023	E-Mail	
Tempo di consegna	ca. 10 settimane	Utilizzatore	Università Politecnica delle Marche Dip.to di Scienze Agrarie, Alimenta
Incoterms	DDP Ancona		
Termini di pagamento	60 GG D.F.		

Pos.	Materiale/Descrizione	Quantità	Prezzo unitario EUR	Importo EUR
Offerta per MPAll demo eq. n: 12552169 (anno 2018) con accessori e software.				
1	Spectrometer MPAll FT-NIR Spectrometer MPA II	1 PC		
<p>Flexible NIR spectrometer for method development and quality control. The validatable spectrometer is equipped with a sample compartment for the analysis of samples in transmission. The sample compartment is heatable up to 120°C and automatically movable for the measurement of background spectra with inserted sample.</p> <p>The ROCKSOLID interferometer comes with a 10-years warranty on the moving parts, as well as on the laser diode.</p> <p>Included is:</p> <ul style="list-style-type: none"> - IN601C08, reduction insert for vials IN430 - IN430-001, 1 package vials with 8mm outer diameter - IN430-RACK, 1 rack with 96 positions for vials IN430 - Hardware and software for measuring OQ/PQ <p>(Further accessories are required to carry out a qualification according to PhEur 2.2.40 or USP 856.)</p> <p>Optional extension modules and automation units allow the upgrade to a</p>				

Bruker Italia S.r.l. Unipersonale
Optics Division

Viale Vincenzo Lancetti 43
 20158 Milano / Italy
 Tel. +39 (0)270636370
 FAX +39 (0)22361294
 Bruker.italy@bruker.com
 www.bruker.it

Sede legale: Viale Vincenzo Lancetti, 43 - 20158 Milano
 Capitale sociale Euro 250000 I.V.

Direzione e coordinamento: Bruker Invest AG
 Partita IVA Codice Fiscale e Registro delle Imprese di Milano 02143930150
 REA MI-770236 N. Reg. RAEE: IT19010000011116 ISO 9001:2015
 Coordinate bancarie: Deutsche Bank S.p.A - ABI:03104 CAB:01603 C/C:21175
 IBAN: IT96 A031 0401 6030 0000 0021 175 - SWIFT: DEUTITM1463





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	<p>fully flexible analyzer for all spectroscopic applications: - MPAll-F, for connection of fiber optic probes</p> <p>- MPAll-R, an integrating sphere for the analysis of solids in diffuse reflection</p> <p>- MPAll-T, a measuring device for the transmission measurement of highly scattering samples - MPAll-W, an automatic sample changer for MPAll-R and MPAll-T options</p> <p>For control of the spectrometer optics and signal processing a PC-based data system which might be quoted below is required (we recommend to order the data system with the spectrometer optics to ensure a correct configuration and functionality). The requirements for a suitable the data systems are available on request. Recommended is the easy-to-use software package OPUS/NIRLAB, which allows a product-based sample measurement with subsequent qualitative and quantitative evaluation.</p>			
2	<p>MPAll-F</p> <p>Extension module MPAll-F for fiber coupled measurements</p> <p>Included is:</p> <ul style="list-style-type: none"> - Fiber optic coupling unit for connection of one fiber optic probe with BQC (Bruker Quick Connect) - Reference and storage module for up to 2 laboratory probes attached to the side of the spectrometer <p>Recommended for connecting two probes (transmission/reflection): W107/C (Factory installation only)</p>	1 PC		
3	<p>MPAll-R</p> <p>Extension module MPAll-R for reflection measurements</p> <p>Included is:</p> <ul style="list-style-type: none"> - Integrating sphere with horizontal sample position and large analysis area for inhomogeneous and granulated samples, diameter of the analysis area: 12 mm - Internal, automatically positioned gold coated reference for background measurements - Mount for vials with 22mm outer diameter (IN101C-22) - Supply of vials with flat bottom (1 package IN440) - One each IN311-S and IN480-2 for OQ/PQ <p>(Factory installation only)</p>	1 PC		
	Cuvettes/Vials (Transmission)			
4	<p>IN415QX-01</p> <p>Rectangular flow cell (HELLMA 170-QX) for transmission measurements</p> <p>Thickness: 10mm; optical pathlength: 1mm</p> <p>Required:</p> <ul style="list-style-type: none"> - MPA: IN601CRA insert for cuvettes - TANGO-T: IN601FRA insert for cuvettes 	1 PC		

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	- IN601PE and IN601/Q: IN601R10 insert for cuvettes - Other spectrometer: IN400 sample mount Recommended: - 1012558, Cleaning concentrate HELLMANEX			
5	1012558	1 PC		
	Detergente concentrato HELLMANEX, liquido adatto a cuvette e componenti ottici fatti di vetro, quarzo e zaffiro Bottiglia in polietilene da 1 litro			
	Vials/Petri Dishes(Reflection)			
6	IN460-01+	1 PC		
	Piastre di petri in vetro, 94x15mm diametro del coperchio: 100mm 10 pezzi, da utilizzare con IN312-B e IN312-FB (disponibile solamente con ordine di spettrometro)			
	Heatable Vial Holder			
7	IN601CRA	1 PC		
	Reduction insert for sample compartment for cuvettes with rectangular cross-section, 10mm pathlength or flow cells (e.g. IN415xx-xx or IN416xx-xx)			
	Sample Rotator (97mm) and Acc			
8	IN312/C	1 PC		
	Rotating sample cup holder w/o sample cup Required: - IN312-P (sample cup, polymer, 97mm diameter), or - IN312-S (sample cup, aluminum, 97mm diameter), or - IN312-SH (sample cup, aluminum, 97mm diameter), or - IN312-A (adapter for beakers) - IN312-B (adapter for glass (Schott) or plastic petri dishes)			
9	IN312-B	1 PC		
	Adaption for Petri dishes for IN312-L or IN312/C, suitable for: - IN460, Schott DUROPLAN glass Petri dishes, 15mm height - IN461, Schott DUROPLAN glass Petri dishes, 20mm height - IN462, polystyrene Petri dishes, 12mm height			

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10	IN312-S Tazzina portacampione per IN312/x, diametro 97mm alluminio con anodizzazione dura con finestra al quarzo con basso contenuto di OH (IQ), altezza 90mm	1 PC		
	OPUS Spectroscopy Software			
11	O/NIR8+ OPUS/NIR+ basic NIR spectroscopy software package for quality control, version 8: newest released OPUS version 8.x for this spectrometer type. OPUS/NIR is a fully integrated, configurable software for the measurement, processing, evaluation and display of NIR spectra in laboratory and process environments. OPUS/NIR provides versatile functionality for efficient data analysis yet is easy to use and has easy-to-use report generation and data exchange capabilities. OPUS/NIR is a validated software and supports the validation of the spectrometer (OQ, PQ). OPUS/NIR is cGMP/GLP compliant and - with additional package OPUS/VALIDATION - CFR 21p11 compliant. OPUS/NIR has an ODBC database interface for the storage of spectral data and evaluation results in either an internal or a customer-supplied and administered MS SQL database. The OPUS/NIR basic package is included with the spectrometer.	1 PC		
	Totale IVA esclusa		EUR	
			EUR	

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