

To: Peking University Shenzhen Graduate
School
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From: ETSC Technologies Co.
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QUOTATION

No.: Q1301342

Date: 2014-03-26

Regarding to your request, we are pleasure inform you as follows:

Item	Model	Description	Qty	Unit Price	Sub Total
1	972001	FluoTime300 Fluorescence steady state and lifetime spectrometer	1	EUR110500.00	EUR110500.00
1-1	03210	Excitation system consisting of:	1		
1-1-1	910007	PDL 820 Computer controlled diode laser driver for picosecond pulses - internal repetition rates between 196 kHz and 80 MHz - external trigger input - cw operation of suited laser heads (LDH-D Series) - controlled from EasyTau software	1		
1-1-2	910451	LDH-P-C-450B Laser head for picosecond pulses - 450 ± 10 nm - incl. collimator and temperature stabilisation - high power version	1		
1-1-3	910510	LDH-P-C-510 Laser head for picosecond pulses - 510 ± 10 nm - incl. collimator and temperature stabilisation	1		
1-1-4	72019	Adapter for laser heads of the LDH-P-C / LDH-D-C type - for coupling to the FluoTime 300	2		
1-1-5	72021	Automated attenuation unit in laser / LED excitation arm - to regulate excitation intensity	1		
1-1-6	72022	Adjustable lens assembly in laser / LED excitation arm - High NA quartz focusing optics	1		
1-1-7	72023	Laser / LED coupling port - for lasers of the LDH Series and LEDs of the PLS Series from PicoQuant - also suited for coupling of a free space beam from an external excitation source	1		
1-2	03212	Sample chamber and detection optics consisting of:	1		
1-2-1	72200	Sample chamber - large sample compartment with all basic support mechanics for optics and optomechanics	1		
1-2-2	72201	Standard cuvette holder for 1x1cm cuvettes - cable glands for water circulation - 15 mm z-height	1		
1-2-3	72213	Front face sample holder for FluoTime 300 - for small solid samples	1		
1-2-4	72202	Automated collection optics - High NA quartz optics for maximum sensitivity	1		
1-2-5	72203	Automated attenuation unit in emission arm - to regulate signal intensity	1		

Item	Model	Description	Qty	Unit Price	Sub Total
1-2-6	72204	Manual filter slider - suited for 50 mm optics in emission path - accessible from outside of the sample compartment	1		
1-2-7	72206	Automated polariser in emission arm - 15 mm Glan Thompson prism, "UV Grade" - wavelength range 220 nm to 1500 nm	1		
1-2-8	72208	High resolution emission monochromator - 300 mm focal length - incl. one grating with 600 lines / mm, blazed at 1250 nm and one grating with 1200 lines / mm, blazed at 450 nm - 2.7 nm / mm dispersion - two exit ports, selectable by swinging mirror, all slits motorized	1		
1-2-9	932201	PMA Hybrid 50 - Spectral response from 400 to 900 nm - Detection efficiency up to 15 % at 600 nm - Instrument response typ. 160 ps (FWHM) - Internal HV power supply, cooling and pre-amplifier - Active sensor area: 3 mm - C-mount, shutter and overload protection	1		
1-3	03213	Electronics and system software consisting of:	1		
1-3-1	72300	Solid system mainframe incl. - base plate with integrated power-supplies - all signal cabling and control electronics - CAN / USB interface	1		
1-3-2	930030	TimeHarp 260 PICO Single TCSPC PC plugin board for the PCIe bus - independent channels with 25 ps temporal resolution suited for 1 sync & 1 detector or for 2 detectors - histogramming with 32768 time bins and 32 bit depth - incl. data acquisition software for Windows, time tagging of all events and 2 SMA signal cables (1.8m length)	1		
1-3-3	72301	Dual signal switch - allows automated signal switching between two detectors or two detection electronics	1		
1-3-4	72303	Signal cabling for detectors and synchronisation signal	1		
1-3-5	971060	Host PC system: - incl. network adapter, DVD-RW drive - graphic card - installed and tested software - optimized for high data throughput - monitor quoted separately	1		
1-3-6	72304	"EasyTau" system software: - full control of automated FluoTime 300 hardware - application wizards for easy data acquisition - expert mode incl. data acquisition macros - easy data exchange with FluoFit software package	1		
1-3-7	931060	FluoFit Pro Software for multi-exponential decay analysis for FluoTime 300 with "EasyTau" - incl. tail fitting and numerical deconvolution - incl. also lifetime distribution models, anisotropy, global analysis and error analysis - 1 single user license (incl. hardlock)	1		
1-3-8	973180	PC Monitor - TFT Display	1		
2	72210	NIR-PMT detector	1	EUR32355.00	EUR32355.00

Item	Model	Description	Qty	Unit Price	Sub Total
2-1	72210	NIR-PMT detector - type H10330A-45, spectral range 950 nm to 1400 nm - typ. 400 ps TTS - Controller incl. high voltage power supply - Housing including shutter interlocked with sample chamber lid - External preamplifier	1		
Total:					EUR142855.00
Freight & Insurance Cost:					EUR1500.00
Final Price:					EUR144355.00

NOTES:

1. Terms of Price: CIF Shenzhen.
2. Terms of Payment: 100% T/T in advance within 7 days after signing the contract.
3. Delivery if Schedule: 4~5 month(s) after receipt of the payment.
4. Warranty: 12 months after shipping out the goods.
5. This quotation's validity expands until 2014-04-10.