



ORDER DESCRIPTION

1. Object of the contract

The subject of the order is the supply of

No	Product name	Qty
Part I of the order		
1	Gold plated tungsten probe tips	10 pcs.
Part II of the order		
2	Servo motor controller	1 pc
3	Camera macro lens	1 pc
4	Laboratory camera	1 pc
5	Construction Rail 500 mm	1 pc
6	Rail Carriage for 66mm rails	1 pc
7	Aluminum Breadboard (A)	1 pc
8	Aluminum Breadboard (B)	1 pc
9	Breadboard Mounting Feet (Metric)	8 pcs
10	Mounting Post	4 pcs
11	Metric Mounting Post Base	4 pcs
12	Controller hub and power supply	1 pc
13	Vertical Mounting Plate for 34 mm & 66 mm Optical Rails	1 pc
14	Clamp for SM2 Lens Tubes	1 pc
15	Adapter with External SM1 Threads and Internal C-Mount Threads	1 pc
16	XY Adapter Plate	1 pc

2. Parameters

Product name	Parameter	Specification
Part I of the order		
Gold plated tungsten probe tips	Element type:	A metal product with very high precision
	Material:	Gold plated tungsten
	Length:	30-60mm
	Width:	<0.6mm
	Width of the sharp tip	<12um



Part II of the order

Servo motor controller	Element type	A device intermediating the control of a servo motor
	Characteristics:	It allows to control the position and the speed of the motor
	Compatibility	USB interface compatible with ordering party's micrometer stages PT1/M-Z9 (Thorlabs). Compatible with Kinesis software (Thorlabs)
Controller hub and power supply	Element type:	Power supply and USB hub controller
	Characteristics:	Mediates communication between the computer and a set of 6 motor controllers. It supplies the voltage needed for the operation of these controllers Compatible with KDC101 (Thorlabs) motor controllers.
Vertical Mounting Plate for 34 mm & 66 mm Optical Rails	Element type:	Metal product
	Characteristics:	Provides connection of Construction Rail 500 mm (4) with the mounting tabletop. (6) with at least 4 M6 screws. Anodized surface
Construction Rail 500 mm	Element type:	Metal product
	Outer dimensions:	500mm x66mm x66mm
	Characteristics:	The element is equipped with 4 dovetail mounting rails compatible with the customer's XT66P2/M rail carriage (Thorlabs).
Rail Carriage for 66mm rails	Element type:	Mechanical product.
	Characteristics:	It allows sliding along the dovetail mounting rail and locking the position with a screw. has at least 4 mounting holes with M6 thread.



Aluminum Breadboard (A)	Element type	Metal product
	Dimensions (W x L x H)	450x600x12.7mm
	Mounting holes	M6; 25mm raster
	Through hole	50mm - hole diameter in the middle of the breadboard
	Material	Anodized aluminium
Aluminum Breadboard (B)	Element type	Metal product
	Dimensions (W x L x H)	450x600x12.7mm
	Mounting holes	M6; 25mm raster
	Through hole	n/a
	Material	Anodized aluminium
Mounting Post	Element type	Metal product
	Height	250mm +-1mm
	Diameter	1.5inch +-1mm
	Mounting holes	M6 on both sides
Metric Mounting Post Base	Element type	Metal product
	Function:	Connection of the elements: <i>Mounting post</i> and <i>Aluminium Breadboard (B)</i> with at least 4 screws (M6)
Camera macro lens	Element type:	Camera macro lens
	Zoom	>x1
	Varifocality	yes
	Aperture	Better than f/3
	Min focal length	< 20mm
	Max focal length	> 100mm
	Mounting thread	C-Mount
Laboratory camera	Element type	CCD camera
	Pixels	> 1.5MP



	Matrix technology	CMOS
	Matrix format	1/2.9"
	Compatibility with software	compatible with ThorCam by Thorlabs
Clamp for SM2 Lens Tubes	Element type	Metal or plastic product
	Inner diameter	SM2 internal mounting
	Mounting hole	M4 - perpendicular to the SM2 hole axis
Adapter with External SM1 Threads and Internal C-Mount Threads	Element type	Optomechanical product
	Compatible with	Laboratory camera Camera macro lens
XY Adapter Plate	Element type:	High precision metal product
	Description:	An adapter that allows the customer's LTS150C/M and LTS300C/M (Thorlabs) tables to be connected at an angle of 90 degrees +- 0.2 degrees
	Max element height	7mm
Breadboard Mounting Feet (Metric)	Element type:	Metal, plastic and rubber product
	Description:	M6 socket head cap screws