

Specifications:

A. Electronic Autocollimeter/Micro Alignment Telescope (Quantity 01)

Sr. #	Parameters	Range/ Type	Make/origin
1	Working Distance	At least 20 meters	Brand: Moller Wedel optical, Nikon or equivalent Reference Model # of Moller Wedel: ELCOMAT 3000, Order No. 229 919 Origin: Germany, Japan, USA or Western Europe Make: China (original), Singapore, Western Europe, USA, or Japan,
2	Measuring Range	2000 arc sec	
3	Repeatability	0.05 arc sec	
4	Accuracy	±0.10 arc sec	
5	Resolution	0.05 arc sec	
6	Tube Diameter	60 to 70 mm	
7	Power	220 VAC, 50 Hz AC	
8	Applications	Measurement of alignment, squareness, parallelism, flatness, straightness, square in line and verticality	

B. Accessories

	Part	Reference Code of Moller Wedel Optical: Model # ELCOMAT 3000	Quantity
9	Clamp Fixture	223 037	01
10	Adjustable Holder	223 056	01
11	Tripod	223 082	01
12	Base with Stop Bar	223 264 & 223 269	01
13	Mirror in Mount	223 262	02
14	Magnetic Base	223 282	02
15	Adjustable Mirror	223 221	02
16	Laser Attachment	219 757	01
17	Pentaprism (Optical square)	205 331	02
18	Pentaprism in Mount	221 015	02
19	Pentaprism with wedge in Mount	221 016	02
20	Base For Pentaprism	221 027	01
21	Holder for Pentaprism	221 023	01
22	Polygon Mirror with 12 faces with mirror diameter 38 mm	205 313	01
23	Autocollimeter Test Wedge	223 244	01
24	AC Sensor	---	01
25	Display unit	---	01
26	Software: INCOLINK	---	01
27	Remote Control	---	01
28	USB and RS232 Cable	---	01
29	Transportation and Storage Box	---	01
30	Suggest (if any) any other necessary accessory to meet applications at sr # 8	---	---

Documents and other requirements

1. Complete technical specifications (Brand, origin, make, model and details) must be provided while offering equivalent option.
2. Micro alignment telescope shall be purchased on package basis.
3. Rates of Micro alignment telescope and its accessories may be quoted on package basis (separate price of each item is not required)
4. In quotation, all accessories required in tender document must be mentioned item wise.
5. Pre-shipment inspection and training of 01 person at manufacture site (Air ticket and stay in hotel on buyer expenses).
6. Calibration and Warranty Certificates (01 Year) are mandatory.

CHECK LIST

Please carefully fill all the entries in offered section. Use separate sheet if required. Duly filled check list must be submitted along with offer.

A. Electronic Autocollimeter/Micro Alignment Telescope					
Sr #	Description/ Parameter	Required Specification	Sr #	Description/ Parameter	Offered Specification
I	Brand	Moller Wedel optical, Nikon or equivalent	I	Brand	
II	Model	ELCOMAT 3000, Order No. 229 919	II	Model	
III	Origin	Germany, Japan, USA or Western Europe	III	Origin	
IV	Make	China (original), Singapore, Western Europe, USA, or Japan	IV	Make	
1	Working Distance	At least 20 meters	1		
2	Measuring Range	2000 arc sec	2		
3	Repeatability	0.05 arc sec	3		
4	Accuracy	±0.10 arc sec	4		
5	Resolution	0.05 arc sec	5		
6	Tube Diameter	60 to 70 mm	6		
7	Power	220 VAC, 50 Hz AC	7		
8	Applications	Measurement of alignment, squareness, parallelism, flatness, straightness, square in line and verticality	8		

B. ACCESSORIES							
Required Accessories				Offered Accessories			
Sr #	Accessory Description	Reference Code of Moller Wedel Optical: Model # ELCOMAT 3000	Qty	Sr #	Accessory Description	Reference code _____	Qty
9	Clamp Fixture	223 037	01				
10	Adjustable Holder	223 056	01				
11	Tripod	223 082	01				
12	Base with Stop Bar	223 264 & 223 269	01				

13	Mirror in Mount	223 262	02				
14	Magnetic Base	223 282	02				
15	Adjustable Mirror	223 221	02				
16	Laser Attachment	219 757	01				
17	Pentaprism (Optical square)	205 331	02				
18	Pentaprism in Mount	221 015	02				
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20	Base For Pentaprism	221 027	01				
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22	Polygon Mirror with 12 faces with mirror diameter 38 mm	205 313	01				
23	Autocollimeter Test Wedge	223 244	01				
24	AC Sensor	---	01				
25	Display unit	---	01				
26	Software: INCOLINK	---	01				
27	Remote Control	---	01				
28	USB and RS232 Cable	---	01				
29	Transportation and Storage Box	---	01				
30	Suggest (if any)any other necessary accessory to meet applications at sr # 8	---	---				

C. Others

Sr #	Description/Parameter	Required Specification	Sr #	Description/Parameter	Offered Specification
31	Calibration certificate	As per company policy			
32	Warranty certificate	Atleast of 01 year			
33	Operating Manual	In English			
34	Pre shipment inspection and Training at manufacturer site	---			