

Korea Basic Science Institute

COMMODITY DESCRIPTION

Commodity	표면단차측정기(Surface Profilometer)			
HSK No.		Page 1 of 2	Date 2015.05.13	
Description			Unit	Q'ty
<p>A. Features</p> <p>An unprecedented range of features and capabilities in a mid-range general purpose instrument. A variety of options are available to enhance the capabilities of the standard system.</p> <p>B. System Configuration</p> <p>1. P-7 System</p> <p>2. Thin VLSI NIST standards</p> <p>C. Specification</p> <p>1. P-7 System</p> <ul style="list-style-type: none">- profiler 2D and Apex 2D surface analysis software- 156 mm scan length - no stitching required- 20-site sequencing software- Microhead 5 measurement head<ul style="list-style-type: none">Constant stylus force controlSingle view optics-top or side view4.0X, 0.12NA top view objective lens, 2.5X magnification2000 x 1200 μm field of view5 MP color digital camera- 150 mm diameter universal chuck with vacuum sample hold-down<ul style="list-style-type: none">Precision locator pins: 50, 75, 100, 125, and 150 mm wafers- manual level and manual theta axis- stylus 2 μm radius, 60 degree included angle- PC configuration, minimum specifications:<ul style="list-style-type: none">Windows XP Professional3.0 GHz Intel Core2Duo processor4 GB of RAM250 GB hard disk drive16X DVD+/-RW driveUSB 2.0 (front and rear ports) and two Ethernet (RJ45) portsMS Office Hime and Business 2010			SYS	1

<ul style="list-style-type: none"> - 23-inch flat panel LCD monitor - RoHS compliant peripherals - User manual on CD 	ea	1
2. 940 nm VLSI NIST SHS, Si/Qtz		
D. Standard Acc's		
1. Apex 3D Basic w Profiler 3D	ea	1
2. Microhead 5 SR, P-7	ea	1
3. Power Cord, Cont. Europe	ea	1
4. Primary LCD Monitor	ea	1
5. Coarse Theta Adjust, P-7	ea	1
6. Universal Chuck 150 mm	ea	1
7. Side View Optics, P7	ea	1
E. Optional Acc's or Equivalent parts		
F. Remarks		
1. The supplier should provide one-year warranty service after installation.		
2. The supplier should provide software upgrades at no charge for a system warranty.		