













PEARL 433 MAN



-  Moving Bridge Type Construction
-  High Precision LM Guide ways on all three axis
-  Supports all type of Manual Probing system
-  Programming and SPC facility
-  Micromatic Movement on all three axis

PEARL CNC



-  Three side open construction
-  Supports 3 and 5 axis touch probing system
-  Supports scanning probe heads like PH6M with SP25
-  Supports latest windows operating system
-  Manual movement through Joystick / CNC Programmable
-  Active temperature compensation on all three axis.
-  Supports Automatic Module changing rack

	Pearl 433 Man	Pearl 433 CNC	Pearl 565 CNC	
Measuring Range X Axis	400 mm	400 mm	500 mm	
Measuring Range Y Axis	300 mm	300 mm	600 mm	
Measuring Range Z Axis	300 mm	300 mm	500 mm	
Drive System	Manual	Stepper / DC Servo Motor		
Scale Resolution	0.1 µm	0.1 µm standard / 0.05 µm as option		
Max. Workpiece Weight	50 Kgs	30 Kgs	150 Kgs	
Probing System	Renishaw manual Probing system	Renishaw : MH 20i / MH 8 / MIH / PH6M / SP25		
Module Changing Rack	NA	3 / 6 Port MCR 20/ TCR 20 / FCR 25 - L6		
Software Options	CMS 3D / Aberlink / Arco Graphics	Arco Graphics & CAD		
Accuracy Specifications	10 + L / 250 µm	With Active Temperature Compensation		
Probe Combination	NA			
SP 25 Scanning Probe	NA	± 2.8 + L / 250 µm	± 3.1 + L / 200 µm	± 3.8 + L / 150 µm
TP 200 Touch Trigger	NA	± 3.0 + L / 250 µm	± 3.4 + L / 200 µm	± 4.0 + L / 150 µm
TP 20 Touch Trigger	NA	± 3.3 + L / 250 µm	± 3.8 + L / 200 µm	± 4.3 + L / 150 µm

** Active temperature compensation supported by Arco CAD / Graphics Software