

Specification	Probot 880		Speedy 588		Speedy 580 XXL		Speedy 280	
Probe heads	2+2		2 + 2		2 + 2		2 + 2	
Probe load	5 – 13.6 g (adjustable)		15 – 100 g (adjustable & servo controlled)		15 – 100 g (adjustable)		40 g	
Max. Board size	27" x 24"	686 x 610 mm	26.4" x 19.7"	670 x 500 mm	38.6" x 25.6"	980 x 650 mm	24.4" x 20.0"	620 x 510 mm
Min. Board size	1.57" x 1.57"	40 x 40 mm	1.57" x 1.57"	40 x 40 mm	1.57" x 1.57"	40 x 40 mm	1.57" x 1.57"	40 x 40 mm
Board loading	Standard vertical frame Quick frame (as an option)		Stretching frame and quick frame		Standard vertical frame		Standard vertical frame	
Board setup for test	Multiple board / Flip test		Single board		Multiple board		Multiple board	
Repeatable accuracy	0.60 mil	15.24 µm	1.2 mil	30 µm	1.2 mil	30 µm	2.4 mil	60 µm
Resolution x-y	0.20 mil	5.08 µm	1.2 mil	30 µm	1.2 mil	30 µm	2.4 mil	60 µm
Min. Pad pitch	7.0 mil	177.8 µm	8.0 mil	200 µm	8.0 mil	200 µm	12.0 mil	300 µm
Min. Pad size	3.5 mil	88.9 µm	4.0 mil	100 µm	4.0 mil	100 µm	8.0 mil	200 µm
Test voltage	0.5 – 100 V (adjustable) 100 – 500 V (adjustable) 100 – 1,000 V (adjustable)		25 – 500 V (adjustable)		25 – 250 V (adjustable) 500 V as an option		25 – 250 V (adjustable) 500 V as an option	
Test current	2 – 500 mA (adjustable)		30 – 200 mA (adjustable)		30 – 200 mA (adjustable)		30 – 200 mA (adjustable)	
Isolation method	Discharge		Discharge		Discharge		Discharge	
Number of CCD cameras	2 for alignment		1 + 1 for alignment support		1 + 1 for alignment support		–	
Software data preparation	Ucam		SmartSpeedy		Ucam		Ucam	
Auto loader	–		–		–		–	
Air requirements	–		90 psi	6 bar	–		–	
Weight	551 lbs	250 kg	397 lbs	180 kg	551 lbs	250 kg	397 lbs	180 kg
Room temperature during operation	65° – 85° F	18° – 29° C	50° – 86° F	10° – 30° C	50° – 86° F	10° – 30° C	50° – 86° F	10° – 30° C
Test rate (tp/min.)	3,000		Up to 2,0000		1,380		960	
Thin core test	Yes – quick frame		Yes		No		No	
Test Floor Integration	Yes		Yes		Yes		Yes	