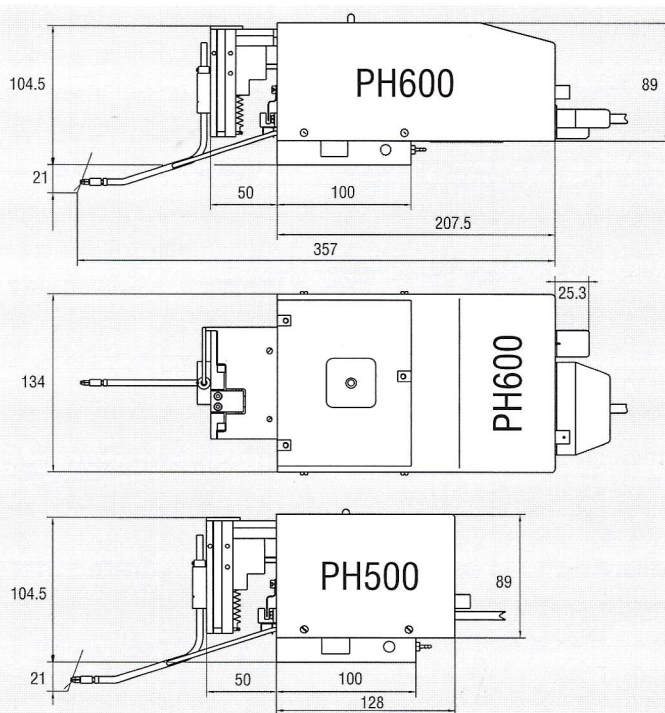


TECHNICAL DATA: SUSS PROGRAMMABLE PROBEHEADS

	PH500	PH600
Travel Range XY/Z	25/10 mm	25/10 mm
Encoder Resolution	1.0 μ m	<0.02 μ m
Practical step size down to	5 μ m	0.1 μ m
Repeatability XY		
double sided, 3 mm travel	$\pm 1,5 \mu$ m	$\pm 1 \mu$ m
double sided, no compensation	$\pm 20 \mu$ m (3 σ)	$\pm 5 \mu$ m (3 σ)
Accuracy XY over 10 mm x 10 mm		
uncompensated	$\pm 10 \mu$ m	$\pm 5 \mu$ m
matrix compensation	$\pm 5 \mu$ m	$\pm 2,5 \mu$ m
Maximum speed XYZ	5 mm/sec	1 mm/sec
Typical cycle time		
2 x 200 μ m Z, 5 mm XY	2 sec	7 sec
2 x 20 μ m Z, 500 μ m XY	<0.5 sec	<1 sec
Dimension without arm		
PH500 L x W x H	280 mm x 135 mm x 105 mm	
PH600 L x W x H	180 mm x 135 mm x 105 mm	
Fixation type standard	Vacuum	
option	mechanic bolt down, magnetic	
Probe Arms	Flexible probe arm for tips Picoprobe adapter (Model 7-34) Fixation arm for HF probes Optional SUSS ProberBench Contact Sensing	



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