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Category	Gear Machines - Profiler		
Manufacturer	Taylor-Hobson		
Model	Talysurf 120L		
Serial	469		
Year	1994		
Gauge Type	Phase Grating Interferometer, 1 mN force nominal		
Resolution	12.8 nm @ 10 mm range		
Range to Resolution Ratio	780,000 : 1		
Straightness Accuracy	.5 $\mu$ m over 120 mm traverse .2 $\mu$ m over any 20 mm traverse		
Traverse Length	4.72 in		120.00 mm
Traverse Speed	0.39 in		10.00 mm
Measuring Speeds	1.00 in		25.40 mm
Return Speed Maximum	0.20 in		5.00 mm/sec
Measuring Range	0.39 in		10.00 mm
Data Resolution	0.000984252 in		0.25 $\mu$ m
Machine Length	15.59 in		396.00 mm
Machine Width	5.00 in		127.00 mm
Machine Height	7.68 in		195.00 mm
Weight	25.35 lbs		11.50 kg
Condition	Excellent		