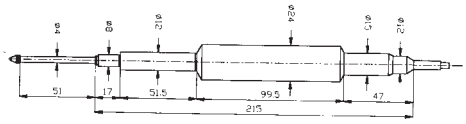
Transducer Probes

Sylvac long travel probes have built-in capacitive transducers which allow them to function for both absolute and comparative measurements. The probes can be used with the Sylvac D80S, D50S, D90, D100S indicating units and PC2200 columns.

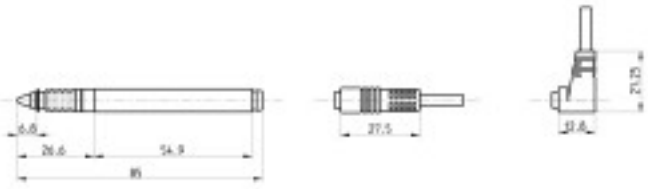
TRANSDUCER PROBES P50

	Code No	Price (£)	
P50	30-900-1050	£1,500.00	I



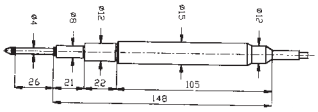
TRANSDUCER PROBES P2B

	Code No	Price (£)	
P2B	30-900-0994	£235.00	I
P2BL	30-900-0992	£248.00	I



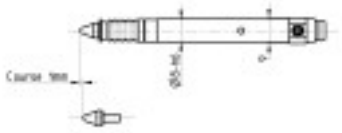
TRANSDUCER PROBES P25

	Code No	Price (£)	
P25	30-900-1025	£746.00	I



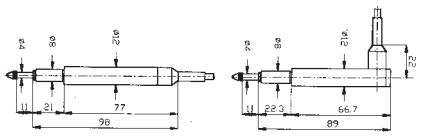
TRANSDUCER PROBES P2BV

	Code No	Price (£)	
P2BV	30-900-0995	£236.00	I
P2BVL	30-900-0997	£263.00	I



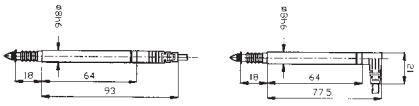
TRANSDUCER PROBES P10

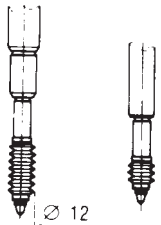
	Code No	Price (£)	
P10	30-900-1010	£465.00	I
P10L	30-900-1014	£490.00	I



TRANSDUCER PROBES P5

	Code No	Price (£)	
P5	30-900-1001	£273.00	I
P5L	30-900-1006	£285.00	I
P5V	30-900-1003	£273.00	I
P5LV	30-900-1008	£290.00	I





RUBBER BOOT P10

Code No	Description	Price (£)	
30-901-2003	Rubber boot with extension	£20.00	I

RUBBER BOOT P25

Code No	Description	Price (£)	
30-901-2004	Rubber boot only	£20.00	I

TRANSDUCER PROBE SPECIFICATIONS

	P2B, P2BL, P2BV & P2BVL	P5, P5L & P5V	P10 & P10L Probes	P25 Probe	P50 Probe
Linear measuring range	2mm / 0.08"	5mm / 0.2"	10mm / 0.4"	25mm / 1"	50mm / 2"
Maximum error	0.8µm	2µm / 0.00008"	1µm / 0.00004"	1.5µm / 0.00006"	4µm / 0.00016"
Measuring force	0.6 - 0.75N	0.45 - 0.65N	0.6 - 0.9N	0.6 - 1.2N	0.6 - 1.4N
Increase of measuring force	-	0.04N/mm	0.03 N/mm	0.024 N/mm	0.016N/mm
Repeatability	0.2µm / 0.000008"	0.2µm / 0.000008"	0.1µm / 0.000004"	0.01µm / 0.000004"	0.2µm / 0.000008"
Zero drift	0.0001mm/°C	0.0001mm/°C	0.0001mm/°C	0.0001mm/°C	0.0001mm/°C
Temperature range	0 - 50°	0 - 50°	0 - 70°	0 - 70°C	0 - 70°C

'V' denotes vacuum retraction probe, 'B' denotes ball bearing, 'L' denotes side entry cable.