

## Trimos Labconcept Calibration Machine

The **Trimos Labconcept** represents the latest developments in the field of multifunction calibration machines. Capable of calibrating an extremely wide range of measuring instruments with incredible speed and accuracy the instrument is now the calibration machine of choice for some of the biggest UKAS and factory laboratories throughout the UK and beyond.



### LABCONCEPT

### LABCONCEPT PREMIUM

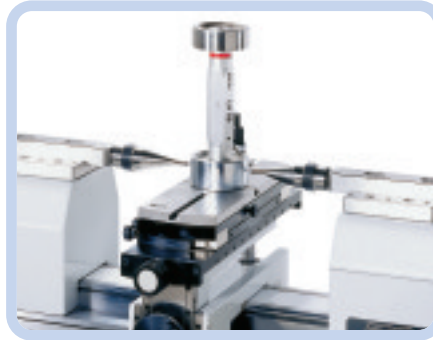
Model	LABC500	LABC1000	LABCP500	LABCP1000
Measuring range (mm/inch)	0 - 550mm / 0 - 21"	0 - 1050mm / 0 - 41"	0 - 550mm / 0 - 21"	0 - 1050mm / 0 - 41"
Accuracy	<0.3µm + (L(mm) / 1500)	<0.3µm + (L(mm) / 1500)	<0.15µm + (L(mm) / 2000)	<0.15µm + (L(mm) / 2000)
Repeatability (+/-2S)	0.0001mm	0.0001mm	0.05µm	0.05µm
Display	Computer screen display: industrial computer with TFT touch screen, and Trimos WIN DHI software for display of functions and measuring results		Computer screen display: industrial computer with TFT touch screen, DDE and Trimos WIN DHI software for display of functions and measuring results	
Resolution, switchable	0.0001", 0.00001", 0.000001" or 0.001mm, 0.0001mm, 0.00001mm		0.0001", 0.00001", 0.000001" or 0.001mm, 0.0001mm, 0.00001mm	
Weight	80kg	120kg	80kg	120kg
Code No	<b>20-32500</b>	<b>20-321000</b>	<b>20-32500P</b>	<b>20-321000P</b>
Price (£)	Visit <a href="http://bowers.co.uk">bowers.co.uk</a> for latest prices	Visit <a href="http://bowers.co.uk">bowers.co.uk</a> for latest prices	Visit <a href="http://bowers.co.uk">bowers.co.uk</a> for latest prices	Visit <a href="http://bowers.co.uk">bowers.co.uk</a> for latest prices

## Labconcept Calibration Machine

The wide range of quick-change ingenious accessories and holders facilitates the accurate calibration of an exceedingly wide range of measuring instruments. Utilising the user-friendly QM software, the instrument can rapidly send its findings to a gauge-management module or generate calibration certificates instantly.



Checking of ring gauges



Checking of plug gauges and thread plug gauges



Checking of snap gauges from 12mm / 0.473" to 150mm / 6"



Checking of ring gauges



Checking of thread ring gauges



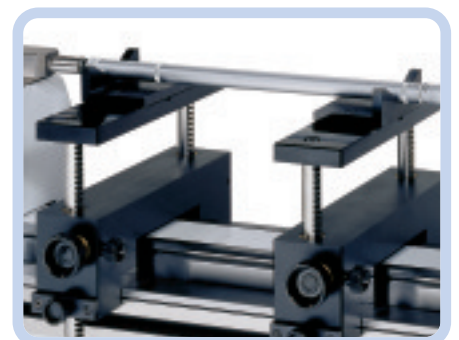
Checking of test indicator



Checking of plug gauges using LABC - 15



Checking of thread plug gauges using LABC - 15



Setting of 2-point comparative measuring equipment

### Features

- Large measuring range 0 - 20" (0 - 500mm) and 0 - 39.4" (0 - 1000mm)
- Developed for EN ISO 9000/2000 standards
- Switchable resolution; 0.0001", 0.00001", 0.000001", or 0.001mm, 0.0001mm, 0.00001mm
- Wide range of easily interchangeable accessories
- Adjustable measuring force 0 - 12N
- Displacement speed of measuring carriage = 60"/sec (15m/sec)
- Fine adjustment range = 0.394" / 10mm
- Operational temperature limit 10 deg - 40 deg C
- Operational humidity limit 30 - 80%