

Trimos Tool Presetter TPR Series

The advanced **Trimos TPR Tool Presetting** range incorporates user-friendly multi-function electronics with an extremely robust shop-floor proof construction. The large digital displays and constant measuring pressure ensures rapid and accurate off-line presetting of tools in both X and Z co-ordinates. Fitted with an ISO40 Taper.

WiFi
see p251 for wireless options

RS232



Features

- Min / Max hold facility
- Preset function
- Counter balanced measuring carriage
- Direct RS232 output
- Rotating tool
- Other capacities available

Reducing sleeves available to suit most types of tooling.

TRIMOS TOOL PRESETTER

Price	TPR302 £4,172.00	TPR402 £4,823.00	TPR602	Visit bowers.co.uk for latest prices	TPR702	Visit bowers.co.uk for latest prices
Code No	20-2803	20-2804	20-2806		20-2807	
Capacity Z axis	300mm / 12"	400mm / 16"	600mm / 23"		700mm / 27"	
Capacity X axis	200mm / 8" dia.	300mm / 12" dia.	300mm / 12"		300mm / 12"	
Resolution (switchable)	0.01 / 0.001mm or 0.0005" / 0.00005"	0.01 / 0.001mm or 0.0005" / 0.00005"	0.01 / 0.001mm or 0.0005" / 0.00005"		0.01 / 0.001mm or 0.0005" / 0.00005"	
Accuracy over range	X = 0.01mm Z = 0.02mm	X = 0.01mm Z = 0.02mm	X = 0.01mm Z = 0.02mm		X = 0.01mm Z = 0.02mm	
Taper	ISO 40	ISO 50	ISO 50		ISO 50	

	TPR802 Visit bowers.co.uk for latest prices	TPR1002 Visit bowers.co.uk for latest prices	TPR602/400 Visit bowers.co.uk for latest prices	TPR802/400 Visit bowers.co.uk for latest prices
Code No	20-2808	20-28010	20-2806-4	20-2808-4
Capacity Z axis	800mm / 31"	1000mm / 39"	600mm / 23"	800mm / 31"
Capacity X axis	300mm / 12"	300mm / 12"	400mm / 16"	400mm / 16"
Resolution (switchable)	0.01 / 0.001mm or 0.0005" / 0.00005"	0.01 / 0.001mm or 0.0005" / 0.00005"	0.01 / 0.001mm or 0.0005" / 0.00005"	0.01 / 0.001mm or 0.0005" / 0.00005"
Accuracy over range	X = 0.01mm Z = 0.02mm	X = 0.01mm Z = 0.02mm	X = 0.01mm Z = 0.02mm	X = 0.01mm Z = 0.02mm
Taper	ISO 50	ISO 50	ISO 50	ISO 50

REDUCING SLEEVES TO SUIT TOOL PRESETTERS

Size	Code No	Price (£)
ISO 50 / 45	20-2830	£316.00
ISO 50 / 40	20-2835	£316.00
ISO 50 / 30	20-2840	£316.00
ISO 40 / 30	20-2845	£316.00
ISO 50 / VDI 20	20-2865	£316.00
ISO 50 / VDI 30	20-2870	£316.00
ISO 50 / VDI 40	20-2875	£316.00
ISO 40 / VDI 20	20-2880	£316.00
ISO 40 / VDI 30	20-2882	£316.00
ISO 40 / VDI 16	20-2884	£316.00
Special Adaptors	20-2895	Visit bowers.co.uk for latest prices

Trimos Optima Plus Tool Presetter

The new **Trimos Optima Plus Tool Presetter** is the ideal solution for the quick and precise measurement and setting of machine tools in today's competitive manufacturing environments.

The modular nature of the Optima Plus range ensures that each customer is supplied with a high-quality tool presetter exactly matching their specific needs. The available Optima Plus options include a choice of spindle pots and adaptors including ISO, VDI, HSK, a vacuum-clamping system and a choice of PCs and printers. Three-format post processor software is offered, along with extended database and point measure software modules, whilst an additional post processor is available upon request.

WiFi
see p251 for wireless options

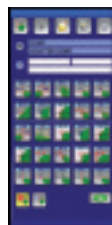
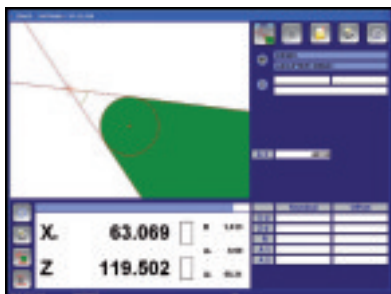
RS232

Standard Features & Accessories

- Latest camera system technology including telemetric optics
- Patented needle bearing or vacuum spindle system (optional)
- Includes Dymo LabelWriter and light for tool inspection
- Measuring range 500 x 500mm or 500 x 700mm
- Easy to operate shop floor tool measuring software
- High quality DELL hardware system
- New μ -motion fine adjustment
- 40x tool magnification
- Free software updates
- Calibration master
- Integrated air pressure regulator



- 17" flat screen or touch screen (optional)



Trimos Shopware tool measuring system

TRIMOS OPTIMA

Code No	Measuring (X) mm	Measuring (Z) mm	Taper	Max concentricity error (mm)	Resolution (mm)	Interface	Weight (Kg)	Price (£)
20-500500P	500	500	ISO 40 or ISO 50	0.002	0.001	RS232/USB	90	£10,785.00
20-500700P	500	700	ISO 40 or ISO 50	0.002	0.001	RS232/USB	95	£11,960.00

Other Taper options are available

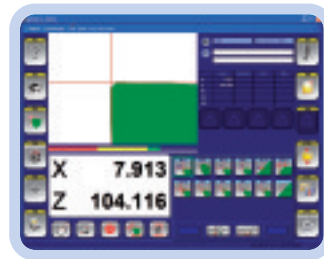
Trimos Optima Premium Optical Tool Presetter

This **Optima Premium Optical Tool Presetter** offers enhanced measuring capabilities using the new Shop Ware software with a PC. It shares the mechanical design of the Optima.



Features

- Vision system: Sony camera system for higher accuracy measurement
- Dell PC with 17" TFT screen
- Trimos Shop Ware Software: easy to use
- Cast iron base for excellent stability
- Schneeberger guideways
- Heidenhain measuring system
- Easy to use
- Advanced capabilities of Shop Ware software



Standard Delivery

- Instrument according to specifications (without spindle pot)
- Electric supply
- User's manual
- Certificate of guarantee

Optional

- All the different types of spindle pots and adaptors: ISO, VDI, HSK,...
- Vacuum- clamping system
- Printers (various options available)
- 15" Touch screen
- Point measure software module
- Extended Data base software module
- Post processor (3 format) software module (availability on request)
- Additional post processor (availability on request)
- Images comparison
- Second light system for surface inspection



TRIMOS OPTIMA PREMIUM

Code No	Model	Measuring (X) mm	Measuring (Z) mm	Max concentricity error (mm)	Resolution (mm)	Interface	Weight (Kg)	Price (£)
20-300/300P	300/300	310	320	0.002	0.001	RS 232 / USB / Ethernet	90	Visit bowers.co.uk for latest prices
20-300/400P	300/400	310	422	0.002	0.001	RS 232 / USB / Ethernet	92	Visit bowers.co.uk for latest prices
20-450/500P	450/500	462	523	0.002	0.001	RS 232 / USB / Ethernet	95	Visit bowers.co.uk for latest prices
20-450/600P	450/600	462	625	0.002	0.001	RS 232 / USB / Ethernet	100	Visit bowers.co.uk for latest prices
20-450/700P	450/700	462	725	0.002	0.001	RS 232 / USB / Ethernet	105	Visit bowers.co.uk for latest prices
20-450/800P	450/800	462	830	0.002	0.001	RS 232 / USB / Ethernet	110	Visit bowers.co.uk for latest prices
20-450/1000P	450/1000	462	1030	0.002	0.001	RS 232 / USB / Ethernet	115	Visit bowers.co.uk for latest prices