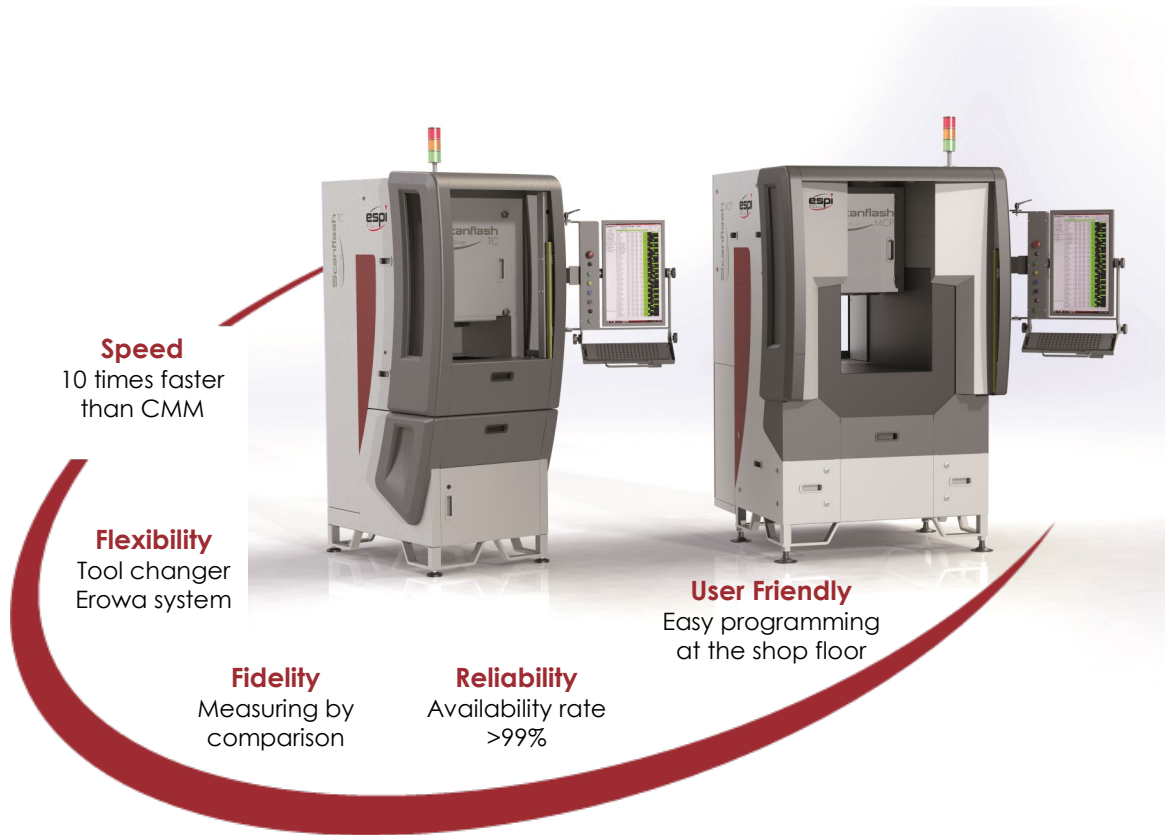




# Scanflash



## RESPONSIVE HIGH PRECISION MEASURING

Scanflash is a comprehensive range of measuring center using digital comparison principle specially designed for use in shop floor.

These devices, at the foot of the machine tools can take all the dimensional and geometric measurements of a piece in **one ultra-fast go** and with **very high precision**.

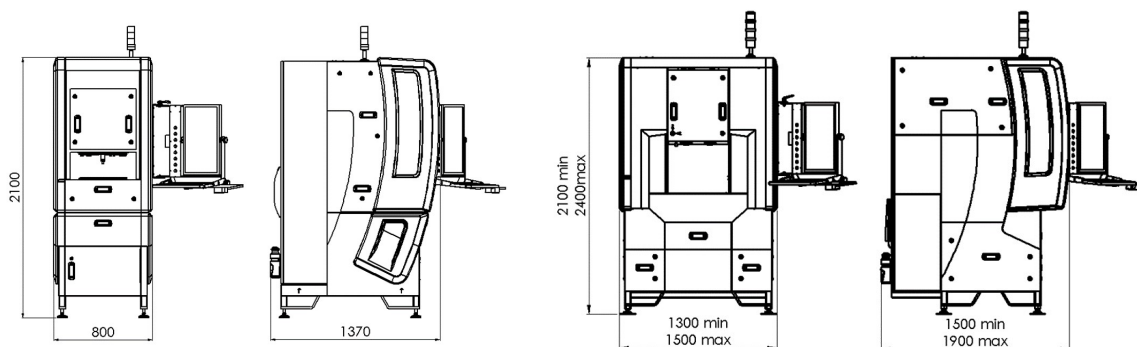
From a unique software they check the compliance of pieces and do the calculation of the tool compensation (Tools Driver option) in order to produce always in the targeted specifications.

Scanflash replaces gauging equipment and CMMs.

## TECHNICAL SPECIFICATIONS

Description	Scanflash TC	Scanflash MCP
Measuring volume	X : 125 mm Y : 200 mm Z : 100 mm	X : 400 à 630 mm Y : 400 à 800 mm Z : 160 à 400 mm
Comparison uncertainty	$\pm 0,2 \mu\text{m} \text{ à } \pm 3 \sigma$	$\pm 0,75 \mu\text{m} \text{ à } \pm 3 \sigma$ à $\pm 1,2 \mu\text{m}$ suivant capacité
Scale resolution	0,1 $\mu\text{m}$	
Maxi. speed	600 mm/s	
Touch speed (programmable)	8 à 30 mm/s	
Acceleration by axis	1,5 m/s <sup>2</sup>	4 m/s <sup>2</sup>
Cycle time	< 1 s per point	< 1,5 s per point
Operating Temperature	10°C à 45°C	
Relative humidity operating range	20 à 80%	
Power supply	230 Vac. 16A	
Max. power consumption	100 kWh	150 kWh
Probe type	Contact or contactless (on request)	
Option/Accessories	Rotary tools changer 5or 10 positions Erowa workholding system or equivalent	
Max. workpiece weight	1 kg	1000 kg
Max. equipment weight	1000 kg	de 2500 à 4000 kg
Dimensions	See drawing below	

ESPI reserves the right to carry out modifications on technical specifications, without prior notice.



**TC Series**

**MCP Series**