

AUTOMATIC TOOL COMPENSATION SYSTEM CODE ATU-03A

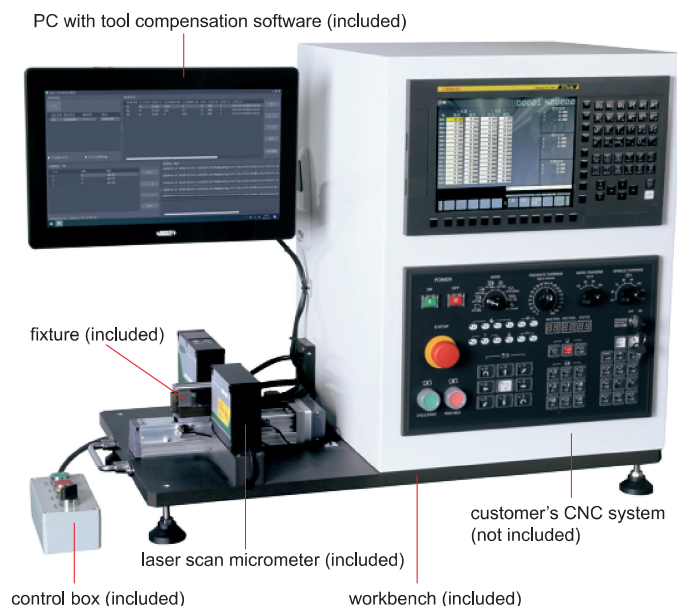
CUSTOMIZED ACCORDING
TO REQUIREMENTS

- Improve production efficiency, reduce human misjudgment, lower product reject rate and maintain stable controllable machining quality
- Auto-measure workpieces, transmit measured data to the CNC, auto-calculate compensation values and update CNC tool compensation

SPECIFICATION

Measuring range *	workpiece length	100mm
	workpiece diameter	1~30mm
Accuracy (at 25°C)	$\pm (0.5+10\%D)\mu\text{m}$, D is measuring diameter in mm	
Repeatability (at 25°C)	$(0.3+5\%D)\mu\text{m}$, D is measuring diameter in mm	
CNC system type *	FANUC, Siemens etc.	
Driving mode	drive mode	
Power supply	220V, 50/60Hz	
Dimension (L×W×H)	750×500×500mm	
Net weight	30kg	

* can be customized according to customer workpieces and CNC systems



STANDARD DELIVERY

PC with tool compensation software	1 pc
Laser scan micrometer	1 pc
Fixture	1 pc
Control box	1 pc
Workbench	1 pc

TOOL COMPENSATION SOFTWARE (INCLUDED)

- Define parameters including unit, dimension, tolerance for lathe and workpieces
- Define tool compensation position, tool compensation number, compensation calculation formula and compensation range

