

Examples of optimal combinations of accessories for CNC models

Function	Optional accessory					
	Y-axis table	θ1 axis table	θ2 axis table	Drive unit tilting function (Patent pending: Japan)	Large θ table	Rotary-type detector holder
Automatic levelling	—	—	—	●	—	—
Automatic alignment (Patent registered: Japan)	●	●	—	▲	—	—
Multiple workpiece batch measurement	▲	—	—	—	—	—
Measurement in the Y-axis direction	●	—	—	—	—	—
Oblique measurement in the XY plane*	●	—	—	—	—	—
Outside 3D surface roughness measurement/evaluation*	●	—	—	▲	—	—
Multiple-piece measurement in the Y-axis direction (positioning in the Y-axis direction)	●	—	—	—	—	—
Multiple-piece measurement in the radial direction (rotary positioning in the XY plane)	▲	●	—	—	—	—
Tracking measurement in the Z-axis direction**	—	—	—	●	—	—
Inclined surface measurement in the X-axis direction	▲	—	—	●	—	—
Inclined hole inside measurement in the X-axis direction	▲	—	—	●	—	—
Multiple cylinder generatrix line measurement	▲	—	●	—	—	—
Measurement of both top and bottom surfaces	▲	—	●	—	—	—
Rotary positioning of large workpiece***	—	—	—	—	●	—
Upward/downward and frontward/backward measurement of large workpiece***	—	—	—	—	—	●

● Highly suitable

▲ Suitable

— Not required

* Applicable only to surface roughness measurement

** Applicable only to form/contour measurement

*** Applicable only for SV-M3000CNC

For the combinations and the specifications of various optional accessories described in this catalogue, contact your nearest Mitutoyo sales office.

