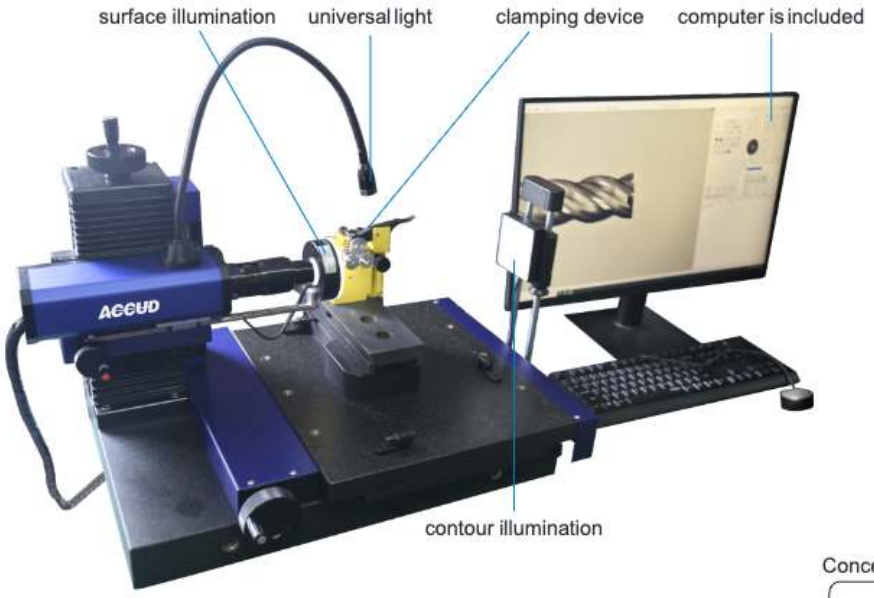
TVM200 CUTTING TOOLS VISION MACHINE



- Granite base
- Equipped with a high-definition color digital camera, the system can inspect various geometric dimensions of cutting tools to improve measurement accuracy
- The dedicated tool measurement software supports measurement of rake angle, clearance angle, helix angle and tooth gap angle for milling cutters, form milling cutters, drills and taps
- It is also capable of inspecting a wide range of cutters including radius end mills and ball nose end mills
- Featuring built-in profile tracking and scanning functions, the software enables dimension comparison against defined profiles
- Data can be save as Word, Excel, JPG and DXF file

Concentric clamp (included)



V-concentric clamp (optional)



SPECIFICATION

Range (X/Y)	200x90mm
Z axis range	70mm
Clamping diameter	3-20 mm(ejector pin with adjustable stroke of 20 mm)
Resolution of X/Y axis	1μm
Accuracy of X/Y axis	5μm
Repeatability of X/Y axis	2μm
Objective	0-58X~8X (zoom)
View field (diagonal length)	2.0~29mm
Working distance	68mm
Magnification	20X~400X (with optional objective on 27" monitor)
Camera	color CCD, 5M pixel
Illumination	surface and contour with adjustable LED, with universal light
Drive method	manual
Power supply	110~220V, 50/60Hz
Dimension (LxWxH)	800x400x500mm
Weight	60kg

INCLUDED ACCESSORIES

Main unit	1pc
Computer with 4K monitor (Dell, 27")	1pc
Software with dongle	1set
Concentric clamp	1pc

OPTIONAL ACCESSORIES

V-concentric clamp	**TVM200-V BLOCK**
BT50 clamp	**TVM200-BT50**
BT40 clamp	**TVM200-BT40**
HSK63A clamp	**TVM200-HSK63A**