

ImageController2 tool presetter

ATORN®

Application

ATORN ImageController2 presetter, professional entry-level model providing high quality equipment and unbeatable value for money. Adjust your tools very quickly, easily and with μm -accuracy. The sturdy presetter is able to withstand the rigours of workshop use and can be set up directly next to CNC machines in machining and testing centres or in measurement rooms. The ATORN ImageController2 offers the most important functions for applications such as measuring the length, diameter, radius, angle, contours, concentricity and axial runout of your standard tools. A dynamic crosshair pointer detects and measures tool cutters automatically within the entire camera image. The user is notified if the preset tolerance is exceeded and the current zero point is indicated before every measuring operation to avoid machine crashes, tool breakages and part rejects. The results are accurate, reproducible and reliable. In addition to the measurement functions, it facilitates management of complete tools and tooling sheets and machine-compatible transmission of this data.

Version

- High-precision SK 50 spindle with integrated calibration edge and spindle indexing
- Under-table in sturdy industrial design
- 4 x 90° indexing, 360° spindle brake
- memory for 99 adapter tools and 3000 tools
- Convenient and intuitive operation using horizontal touchscreen monitor
- automatic cutting edge detection and zero point monitoring
- Operation menus via touchscreen, compass needle – easy positioning of the camera for measuring target values on the tool, ref. no. 23961218-221 at 13.3 inches and ref. no. 232961240-243 at 24 inches
- Dynamic crosshair for automatic measurement
- 4 pc. USB 2.0 interface, data output via USB. Measurement results can be transferred onto labels, lists or even onto the CNC machine
- Rotation centre measurement with monochrome camera (optional)

Advantage

- Fast μm -accurate measuring and setting of tools with EZstart (picture book)
- 20x cutting inspection magnification with a 13.3 in/38 x 24 in touch screen monitor
- Conversion to projector function with crosshair, positionable.
- Integrated tool management for storing e.g. setpoints and tolerances and creating set-up sheets for workpiece production
- >zidcode<, for tool identification and data transfer does not require a network connection, but simply transfers the data of complete tools via QR code.

Delivery

Fast measuring and adjusting of tools via EZstart (picture book)



Art. no.	23961 220
Type	ATORN 600 with IC2
Measuring range of X axis	420 mm
Measuring range of Z axis	600 mm
Repeat accuracy (+/-)	0.002 mm
Concentricity tolerance	0.002 mm
Compressed air supply	6 bar
Max. screen slant	13.3 in

EAN-Code

4050293432770