ImageController2 tool presetter
Basic device

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.

Execution:

- High-precision SK50 spindle with integrated calibration edge, 4 x 90° indexing and 360° spindle brake
- Under-table in sturdy industrial design
- Memory for 99 adapters and up to 3,000 tools
- Automatic zero-point monitoring
- Convenient and intuitive operation via horizontal touchscreen monitor
- Automatic cutting edge detection and zero-point monitoring
- Menu operation via touchscreen and compass needle - simple camera positioning for measuring set values
- Dynamic crosshair for automatic measurement
- 4x USB 2.0 interface, data output via USB. Measurement results can be transferred to labels, lists or to the CNC machine itself
- Rotation centre measurement with monochrome camera (optional).

Advantage:

- Fast µm-precise measurement and setting of tools
- 20x cutting edge inspection magnification with a 13.3 inch touchscreen monitor/38x with a 24 inch touchscreen monitor
- Conversion to projector function with crosshair, positionable
- Integrated tool management for storing e.g. setpoints and tolerances and creating setup sheets for workpiece production
- >zidcode< for tool identification and data transfer simply transfers the data of complete tools via QR code without a network connection

Delivery:

1x ATORN ImageController2

Art. no.	23961 219
Brand	ATORN
Manufacturer Part Number	22250095
Type	ATORN 420 with IC2
Measuring range of X axis	420 mm
Measuring range of Z axis	420 mm
Repeat accuracy (+/-)	0.002 mm
Concentricity tolerance	0.002 mm
Compressed air supply	6 bar
Max. screen slant	13.3 in
Harmonized System Code	90314990
Gross Weight	275.000 kg
Product Group	2AD

EAN
4050293432763

LET'S WORK TOGETHER.

HAHN+KOLB GROUP