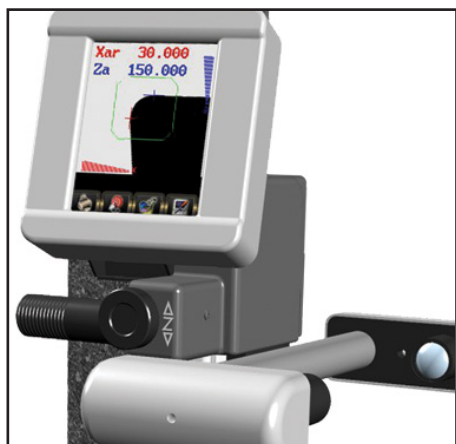# NIKKEN

E236N

E236N - OVERVIEW

Our new E236N Tool Presetting machine has been developed as the entry level option for our new generation of advanced tool presetting machines.

Designed to be bench mounted the E236N features a ground granite base and column, stainless steel construction and ergonomic design combined with a 5.7" TFT LCD Touch Screen. This system provides full operator control and selection of options and functions via an intuitive icon system allowing operational and functional simplicity that is second to none.

The precision spindle system is fully interchangeable and utilises a one piece cartridge - eliminating the need for adaptors and the errors associated with their use.

Also included with our E236N model is our DPP software package. Working via your DNC system DPP converts measured tool data into CNC code for direct loading into the machine controller and associated tool offset pages (1st twenty uses free - Dongle option).

Exclusive operating software designed to be easy and straight forward to use straight out of the box!

- Simple and intuitive icon driven menu system
- Automatic measurement (Automatic scanning of the tool edge with focus indicators)
- Display of reference circles for quick checking of Nose Radius
- Multiple machine origins - 9 total
- Multiple tool sets - 9 total (99 tools for each)
- Tool data stored; T, Lx, Lz and R
- Optional print mode (in conjunction with 'S'Print' compact label printer) allows printing of labels for specific individual tools
- DPP capability. Installed on Windows PC via USB connection. This allows for the backup of machine & tool data; post processing of tools stored on presetter; updating of the presetter operating BIO
- Free for the life of the machine!

E236N QUICK FACTS
Bench model
Natural granite base & column
Stainless steel mechanical elements
MEASURING RANGE
X Axis: Diameter of tool ø0 - ø260mm
Z Axis: Length of tool 0 - 360mm
TOOL MEASURE
9 x origins
9 x toolsets
SPINDLES
Fixed or interchangeable spindle
Spindles: ISO / BT / IT / HSK / Capto / VDI
MIN. READING INCREMENT
X Axis: 0.001mm (radius / diameter)
Y Axis: 0.001mm
OPERATING SYSTEM
RISC 32Bit Processor
Integrated vision system. C-MOS Sensor
1 x RS232 printer port
1 x USB PC link port
POWER
24V
VISION SYSTEM
5.7" TFT LED Touchscreen Matrix Display
90mm x 120mm image size
20 x magnification
Auto measure X & Z focus control bars