

WIZARD 1000

Programmable. FULL COLOR LCD Digital Readouts.

The **ANILAM WIZARD 1000** features all new full color LCD display screen technology and versatile software to accommodate milling or turning applications – all with the same bright, crystal clear readout. Plus, a content-sensitive help function assists you right on screen.

The **ANILAM WIZARD 1000** is a fully programmable readout and can store programs like an electronic notepad. With the programming function, you are able to create, edit and execute programs from the program mode.

The **ANILAM WIZARD 1000** provides the capability to create a library of program names, each independently labeled. Each program can hold multiple steps, resulting in the ability to generate a large number of program files.

The **ANILAM WIZARD 1000** contains a variety of programming features such as tool step, datum step, preset step, circle pattern step (mill only), linear pattern step (mill only), and incline and arc milling steps (mill only).



Intuitive, operator-friendly keypad with machine-specific software and easy-to-read flat-screen LCD display.

WIZARD 1000 for Milling Applications

Available for up to 4 axis large milling machine tool applications.



WIZARD 1000 for Turning Applications

The ultimate in efficiency and productivity for turning applications utilizing state-of-the-art features.

1000 image enhanced to increase clarity. Not actual size.



ANILAM

WIZARD 1000 FEATURES/TECHNICAL DATA

Display 2, 3 or 4 axes 5.7" transmissive COLOR LCD display

Common Functions

- Multiple program names with numerous steps
- Multiple display views - DR01 & DR02
- Job clock
- Feed rate display
- Advanced skew compensation
- Multiple language supports
- Absolute/incremental
- Near-zero warning
- Help function
- 16 tool offsets / diameter
- Preset and zero reset
- 4 function calculator / Trig calculator
- Instant inch/mm conversion
- Position-Trac™



MADE IN USA

Milling Specific Functions

- Bolthole pattern calculations with graphics (full and partial circles/linear patterns)
- Centerline calculation enables you to establish workpiece zero and midpoints
- Edge finder/touch probe input

Turning Specific Functions

- Lock axis feature - used in conjunction with tool offsetting, lets you establish tool offsets with the tool under load, resulting in reduced tool deflection.
- Instant radius / diameter conversion
- Taper calculator

Error Compensation

Linear and non-linear compensation up to +/-9,999 ppm

Construction

Die-cast metal

Data Interface

RS-232-C/V.24 serial port

Electrical Requirements

Voltage of 100-240 Vac
Power of 30 VA max
Frequency of 50/60 Hz (+/-3Hz)

Operating Temperature

0 degrees to 45 degrees C
(32 degrees to 113 degrees F)

Storage Temperature

-20 degrees to 70 degrees C
(-22 degrees to 158 degrees F)

Weight

4.85 lbs.

Options

CSS-I/O (Constant surface speed), Electronic Edgefinder, Multiple scale coupling box, DRO handle kit, and DRO panel mount kit.

Certifications

ISO-9001:2001, UL, CSA, CE



Precision Glass Scales

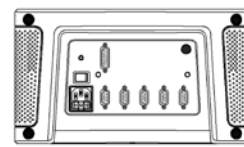
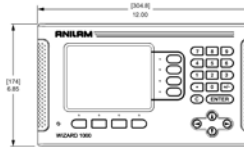
With more than one million scales in use today, ANILAM precision glass scales withstand the elements of contamination found in even the harshest machine shop environments. As a result, our precision glass scales resist changes in size, shape or density due to temperature and humidity variations. This stability provides exceptional accuracy down to $\pm 1.5\mu\text{m}$ (.00006"), resulting in tighter workpiece tolerances. ANILAM scales are available in travel lengths from 1"–773" and in resolutions from $0.5\mu\text{m}$ (.00002") to $5\mu\text{m}$ (.0002").

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