

VERIMATION GAGING

Product Alert !

VERIMATION TECHNOLOGY, Inc.

Announces The Release Of It's Newest Product !

The

MINI - U

Portable Gaging Instrument



Developed primarily for Static Gaging applications, the MINI-U carries all the sophistication of its big brother the U1000. The MINI-U is a perfect companion for bench top gages, utilizing *DIGITAL PROBES*. This is an UP-SCALE instrument for applications that demand more than the typical portable gages so popular today. Housed in a STEEL cabinet, this is a *rugged instrument* worthy of every day factory use !

Specifications: width 21.5" - height 14.5" - depth 4.5"

- VERIMET SOFTWARE -

Use of Microsoft .NET technology allows the Mini-U to provide the latest industry standards for the user-interface, data management, communication and security. All data, including setup program data and measurement result data, is managed internally as XML. The setup program is stored as an XML file and result data may be sent anywhere as XML or written to a RDMS (or exported in other formats through serial ports, via USB, etc.).

- GENERAL SPECIFICATIONS -

Development Platform:

Microsoft .NET Framework using C# language

Operating Systems:

Windows XP, Future Windows OS support

Standards Support

Compatibility with all Windows-supported standards (TCP/IP, Ethernet, Wireless 802.11b/g, USB, etc.) and standard devices such as Printers and CD-ROMs.

Security

Ability to define user logins and roles provides password-protected access to the various functions of the gage and related user-interface elements.

Specific logins only see the menu items, screens, etc. they need to perform their tasks to keep training costs low and allow for plant-wide standards to be set.

Additional Features

The Mini-U Program Editor allows end-users to set up their gage programs utilizing digital probe technology.

Users may write their own equations and / or use the built-in library of common gage equations.

Integrated GRR capability provides instant gage evaluation and data may be exported in Excel format if desired for cataloging or further analysis.

The system is extendible and customizable: additional Screens and other UI elements, Datastores, and Control Interfaces (e.g. for PLCs, Tool Comp, etc.) may be added on a per-job basis or as new technologies emerge.

Automatic Spindle Compensation records the slight imperfections in the gage spindle and removes that influence as each part is gaged.

Integrated Temperature Compensation corrects for variations in part and fixture temperature on a per-feature basis.

Built-in GRR capability provides instant gage evaluation and data may be exported in Excel or .csv format for cataloging or further analysis.

The Bias Test module provides for automatic periodic gage verification using known parts.

Any number of Data Attributes may be set up to tag part data (e.g. serial#, shift, part#).

Any number of Datastores may be set up to store part data, mastering history, counter data, bias test results.

Integrated SPC for real-time process control allows monitoring of various features based on the specific source operation.

A summary report may be printed to verify correctness of gage program configuration (e.g. validate formulas, spec limits, master values, etc.)

Robust fault-handling to prevent invalid measurements.