

PRO-MIC

PRO-MIC Roll Measurement Systems

Reliability, Repeatability and 3 Button Operation

PRO-MIC Visual Quantum Software

With more than 100 systems in use world-wide, PRO-MIC's Visual Quantum System has proven itself as the PC based system for collecting Roll Shop data.

Visual Quantum is a Microsoft Windows based software package provides electronic storage, evaluation and quick recall of **PRO-MIC Roll Profiles**.

The simplified interface of Visual Quantum is designed for use **in the roll shop**, by grinder operators, and will communicate with any PRO-MIC System.

Visual Quantum stores roll profiles and a group of information fields such as Roll Number, Diameter, Roughness, Hardness, Etc... the data is stored in a **Microsoft Access** database and can easily be accessed by Microsoft Excel.

The system draws **sine curve target shapes** and **tolerance bands** and is ready to easily recall and/or print any stored profile. Other available target shapes include: CVC, Parabolic, Curve Fit, Taper-Flat-Taper, Flat, Taper-Taper-Flat-Taper-Taper.

Additional processing of PRO-MIC profile data for smoothing or filtering of rough profile data is included.

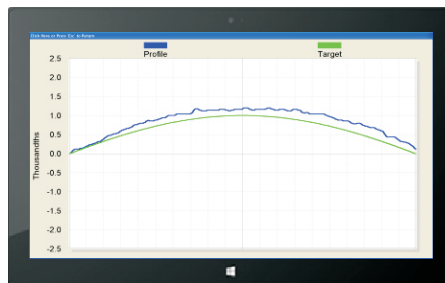
The included Analysis Tools provides profile comparisons and overlaid charts of multiple profiles. A networking option is available.

New optional **handheld** hardware lets Visual Quantum be portable or attached to your PRO-MIC - see photo below.

Call us at 1-800-PRO-MIC-1 for answers to your questions or to arrange a demonstration.

Key Visual Quantum Features:

- Microsoft Access Data Storage.
- Easy to Use Interface.
- Support for PRO-MIC Bluetooth Option
- Support for Touchscreen PCs.
- Minimized user input.
- Target Shapes.
- Tolerance Bands.
- High speed printing to any Windows Printer.
- Easy data export functions.
- Interactive profile display.
- Live scale adjustment.
- Profile Zoom.
- Easy to Read Data Entry Screen.
- Network option available.
- Roll Comparisons included.

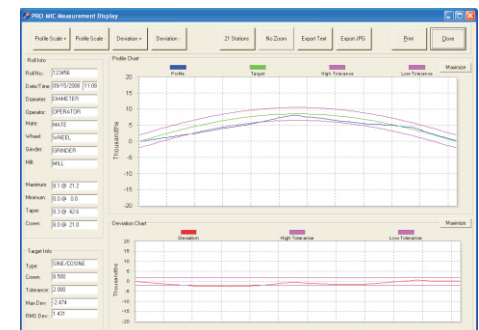


*Install Quantum in a Tablet PC
to see Roll Profiles
while still on the roll!*

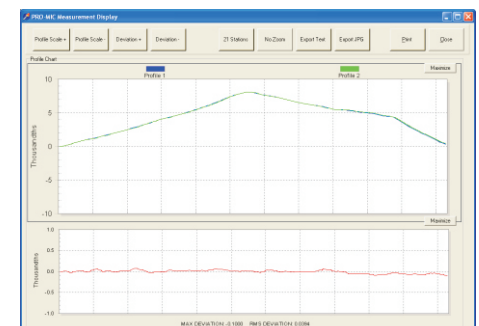
Sample Screens

| Roll Number | Operator | Date | Time Diameter | Grinder |
|----------------|----------|------------|----------------|---------|
| SHAPE ANALYSIS | 4070 | 11/21/2009 | 11:59:29.9300 | RG-1 |
| NONE | 4104 | 11/23/2009 | 11:14:29.9400 | RG-1 |
| SHAPE WITH TOL | 4070 | 11/23/2009 | 15:54:29.7200 | RG-1 |
| ROLLSLUM | OPERATOR | 10/09/2012 | DIAMETER | GRINDER |
| MANUAL | | 10/04/2012 | 10.40 | |
| MANUALPAPER | OPERATOR | 10/09/2012 | 15.03 DIAMETER | GRIND |
| MANUALSTEEL | OPERATOR | 10/09/2012 | 15.06 DIAMETER | GRINDER |
| TEST ROLL | | 10/09/2012 | | |

Roll History Screen



Profile Display With Target Shape



Roll Comparison Screen
Used to compare
Worn vs. Ground,
Hot vs. Cold,
etc...

PRO-MIC Corporation . 20135 Valley Forge Circle . King of Prussia, PA 19406

Phone: 610/783-7901 . www.PRO-MIC.com . 1-800-PRO-MIC-1 . Fax: 610/783-7904

Visual Quantum Features:

Data

Quantum database files are stored in Microsoft Access, one of the most widely accepted formats in the world. These files are easily read by your own data access and reporting tools including Microsoft Excel.

Target Shapes

Quantum draws sine curves from 10 to 180 degrees with crowns from -500 to +500 thousandths. CVC, Taper-Flat-Taper, Parabolic, Compound and Custom shapes are available.

Tolerance Bands

Included, just tell the program what your specifications are.

Analysis + SPC Charts

Quantum calculates the Maximum and RMS (Root Mean Square) deviation between the profile and its target to give you an objective idea of how you're doing without having to eyeball the charts. SPC Charts are available as an option.

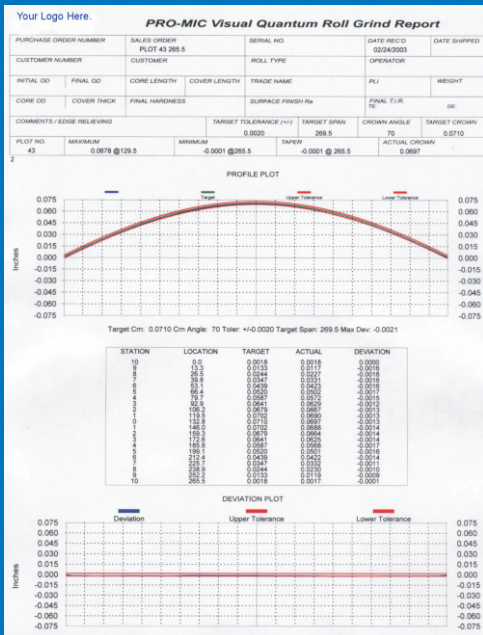
Data Export

Quantum can easily export profile data to a CSV text file. This file is designed to be easily accessed by Microsoft Excel. This is a big feature for users who like to look at data their own way.

Additionally, database files are stored in Microsoft Access, providing advanced users with direct data access.

Networking

By adding the Network Option to your Quantum software, you can share the data on your network. Current systems hold over 100,000 roll records which are available at any time and virtually anywhere using a PC based network. Wireless or wired, Quantum is ready to go.



HARDCOPY SAMPLES

