Measurement Data Management

Data Conversion Program into Inspection Certificates in Excel Format MeasureReport

- Data from a measurement result file generated with a CMM, vision measuring machine or other machine can be output to an inspection certificate generated with Excel. Data from multiple measuring machines can be combined into a single inspection certificate (up to 200 measurement items).

- A customized format can be created for an inspection sheet using simple editing (copy & paste, etc.) by using a sample format as the template.
- The computation function is available for tolerance judgment, workpiece judgment, statistical calculation and other types of processing at inspection-certificate generation time.

Main specifications of MeasureReport
- Document creation:
  Automatic creation of template sample style (Number of items × number of workpieces specified)
- GO/±NG Judgment:
  Tolerance judgment (marked in NG value)
  Workpiece judgment (OK or NG in judgment column)
- Statistical analysis: mean, maximum, minimum, range, standard deviation, Cp, Cpk, fraction defective, number of defectives, etc. 15 items in total.
- Capacity:
  1) Measurement result file conversion
  2) On-line data input
     Max. 200 items × Max. 2,000 workpieces
  3) MeasurLink® database import
     Max. 200 items × Max. 2,000 workpieces or
     Max. 2,000 items × Max. 200 workpieces
- File combined:
  A maximum of 10 measurement files can be specified and both measurement items and workpieces can be combined respectively.
- Printing and saving of inspection certificate:
  Automatic printing and saving in Excel format
- Comment output to the inspection certificate:
  30 items including part number and lot number can be input.
- Workpiece drawing output to the inspection certificate:
  Image files (bmp, jpg) can be displayed in arbitrary positions.
- Others:
  Decimal point digit justification, error display, automatic page break

Create inspection certificate from measurement result file for each measuring machine (PC data processing)

CMM
MCOSMOS,
MICROPAK2700
MICROPAK700

Vision Measuring Systems
QVPAK, QSPAK
QIPAK

Optical Instruments
Vision Unit
QSPAK

Measurement result file | Measurement result file | Measurement result file

- File conversion: Supported file formats
  <CMM>
  1) **MCOSMOS** ASCII file (**Geopak-3**)
  2) **MPK2700** statistic file (Binary format)
  3) **MPK2700** ASCII file (Text format)

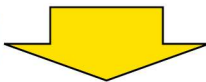 <Vision Measuring Systems>
  1) QUICK VISION **QVPAK-QV Report**
  2) QUICK SCOPE **QSPAK** measurement result file
  3) QUICK IMAGE **QIPAK** measurement result file
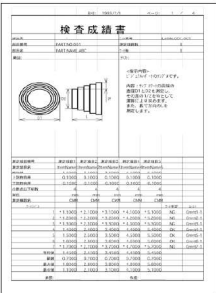 <Optical Instruments>
  1) Vision Unit **QSPAK** measurement result file

Measurement result file conversion → Select and extract data, design value, tolerance value, etc., and output in specified Excel format.

MeasureReport operation environment (recommended)

OS	Windows 2000 Windows XP Windows Vista (32-bit) Windows 7 (32-bit/64-bit) Windows 10 (64-bit)
Microsoft Excel	2000/2002/2003/2007/2010/2013/2016/2019 (Only 32-bit edition is available regardless of Windows version. It doesn't work on 64-bit Windows.)
CPU	Processor of 1 GHz or more
Memory	2 GB or more
Hard disk	3 GB or more free space
Display	1024×768 or larger
Drive	CD-ROM or DVD drive (required for installation)

Excel inspection certificate creation macro program

- Measurement result file, data loaded from on-line communication, or data specified from database file of MeasurLink® can be output to an Excel table.
- Original format can be created by simple editing with sample style as a template.
  Desired template style can be automatically created by specifying required number of items and workpieces.
- Tolerance judgment (★ marked in NG data), workpiece judgment (OK or NG is indicated in judgment column), statistical analysis, page break are automatically processed.
- Data from several measuring machines can be combined in one inspection certificate.

Example of inspection certificate.