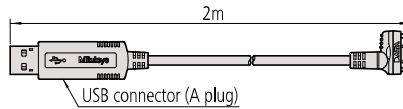


## Major specifications of USB Input Tool Direct

- Output specifications:  
USB 2.0 or 1.1
- Communication speed:  
12 Mbps (full speed)
- Power supply:  
USB bus power
- Mass: 59 g
- USB 2.0 certification  
obtained
- Complies with the EU  
EMC Directive

• Illustration (Example: **USB-ITN-A**)



Note: It is recommended to use a commercially available USB hub that has USB certification.

## USB-ITPAK usage environment

|                             |                                                                               |
|-----------------------------|-------------------------------------------------------------------------------|
| Supported operating systems | Windows 2000 SP4, Windows XP SP2 or later, Windows Vista, Windows 7, 8 and 10 |
| Supported Excel versions    | Excel 2000, 2002, 2003, 2007 and 2013                                         |
| Hard disk                   | At least 20 MB of free space (required for installation)                      |
| CD-ROM drive                | Required for installation                                                     |
| USB ports                   | At least two ports (for the USB dongle and USB-ITN)                           |
| Resolution                  | At least 800 x 600 pixels, and at least 256 displayable colors                |

- The natural language selected in USB-ITPAK must be the same as that used in the operating system.

## Codes for the main measuring instruments classified according to the USB Input Tool Direct code, part number, and plug type

Determine the plug type suitable for your measuring instrument (one of the seven types from **A** to **G**) in the following table, and then select the corresponding USB Input Tool Direct.

| Model                                                              | USB-ITN-A                                                                                                                                                                                                                                                                                                                                                                                                                                                  | USB-ITN-B                        | USB-ITN-C            | USB-ITN-D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USB-ITN-E            | USB-ITN-F              | USB-ITN-G                          |
|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|------------------------------------|
| Order No.                                                          | 06AFM380A                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 06AFM380B                        | 06AFM380C            | 06AFM380D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 06AFM380E            | 06AFM380F              | 06AFM380G                          |
| Whether the existence of a data switch affects usability           | Incorporates a data switch, so the tool is usable regardless of whether or not the measuring instrument has a switch.                                                                                                                                                                                                                                                                                                                                      |                                  |                      | Does not incorporate a data switch, so an instrument fitted with a switch is required in order to use the instrument alone. (However, the tool can be used with USB-ITPAK.)                                                                                                                                                                                                                                                                                                                                                            |                      |                        |                                    |
| Cable type                                                         | <b>A</b> Water-proof with switch                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>B</b> Water-proof with switch | <b>C</b> With switch | <b>D</b> 10-pin plain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>E</b> 6-pin round | <b>F</b> Straight type | <b>G</b> Water-proof straight type |
| Illustration of the plug that connects to the measuring instrument |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |                        |                                    |
| Socket type on the measuring instrument                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |                        |                                    |
| Codes of major compatible measuring instruments                    | [Digimatic Caliper /Super Caliper]<br><b>-500 series</b><br>CD67-S_PM<br>CD-PMX/PM/GM<br><b>-550/551 series</b><br>CDC-P_PMX<br>CDN-P_PMX<br>[Digimatic Carbon Fiber Caliper]<br><b>-552 series</b><br>CFC-G/GL/GC/GU<br>[Digimatic Depth Gage]<br><b>-571 series</b><br>VDS-PMX<br>[Digimatic Scale Unit]<br><b>-572 series</b><br>SD-G<br>[Digimatic Exclusive Caliper]<br><b>-573 series</b><br>NTD-PMX/PM                                              |                                  |                      | Measuring instrument models that incorporate a data switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                        |                                    |
|                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |                        |                                    |
|                                                                    | [Digimatic Micrometer, QuantuMike]<br><b>-293 series</b><br>MDC-MJ/MJB/MJT<br>MDE-MJ<br>[Tubular Inside Micrometer]<br><b>-337 series</b><br>IMZ-MJ<br><b>-339 series</b><br>IMJ-MJ<br>[Digimatic Micrometer Head]<br><b>-350 series</b><br>MHN-MB/MJB/MJNB<br>[Digimatic Exclusive Micrometer]<br>(The end of the mark is—MJ/MJB/M/MB/PM/PMB<br>[Digimatic Holtest]<br><b>-468 series</b><br>HTD-R                                                        |                                  |                      | [Digimatic Micrometer Head]<br><b>-164 series</b><br>MHD-MB<br>[Digimatic Caliper]<br><b>-500 series</b><br>CD-CX/C/S_C<br><b>-550/ 551</b><br>CDC-C/CX, CDN-C/CX<br>[Digimatic Depth Gage]<br><b>-571 series</b><br>VDS-DCX/DC<br>[Digimatic Scale Unit]<br><b>-572 series</b><br>SD-D/SDV-D<br>[Digimatic Exclusive Caliper]<br><b>-573 series</b><br>The end of the mark is -CX/C                                                                                                                                                   |                      |                        |                                    |
|                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |                        |                                    |
|                                                                    | [Surface Roughness Tester]<br><b>-178 series</b><br>SJ-201/210/301/<br>400/500<br>[Coating Thickness Gage]<br><b>-179 series</b><br>DGE-745/755<br>[Linear Height]<br><b>-518 series</b><br>QMH-S<br>[Reference Gage]<br><b>-515 series</b><br>HMD-C<br>[Digimatic Indicator]<br><b>-543 series</b><br>ID-H<br>[Laser Scan Micrometer]<br><b>-544 series</b><br>LSM-9506/6100/<br>6200/6900<br>[μ-checker]<br>Digital μ-checker<br>(Using the foot switch) |                                  |                      | [Digimatic Micrometer]<br><b>-121 series</b><br>BD<br><b>-164 series</b><br>MHD-M<br><b>-227 series</b><br>CLM<br><b>-293 series</b><br>MDQ-M<br>MDC-M<br>[Tubular Inside Micrometer]<br><b>-337 series</b><br>IMZ-M<br>[Tubular Inside Micrometer]<br><b>-339 series</b><br>IMJ-M<br>[Digimatic Holtest]<br><b>-468 series</b><br>HTD<br>[Reference Gage]<br><b>-515 series</b><br>HME-DM<br>[Borematic]<br><b>-568 series</b><br>SBM-C<br>[Hardness Testing Machines]<br><b>-810 series</b><br>HM-100/200<br>HV-100/HH-411<br>HR-500 |                      |                        |                                    |
|                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |                        |                                    |
|                                                                    | [Digimatic Indicator]<br><b>-543 series</b><br>ID-F<br>[Linear Gage/Counter]<br><b>-542 series</b><br>EF-PRH/ZR,<br>EH-P/Z/S/D<br>EB-P/Z/D<br>EC-D<br>[Litematic]<br><b>-318 series</b><br>VL-A/AS/AH                                                                                                                                                                                                                                                      |                                  |                      | Measuring instrument models that do not have a data switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                        |                                    |
|                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |                        |                                    |
|                                                                    | [Digimatic Indicator]<br><b>-543 series</b><br>ID-C/S/C_A<br>[Digimatic Depth Gage/<br>Digimatic Thickness Gage]<br><b>-547 series</b><br>Digimatic model (ID-C)<br><b>-575 series</b><br>ID-U                                                                                                                                                                                                                                                             |                                  |                      | No corresponding models                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                        |                                    |
|                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |                        |                                    |