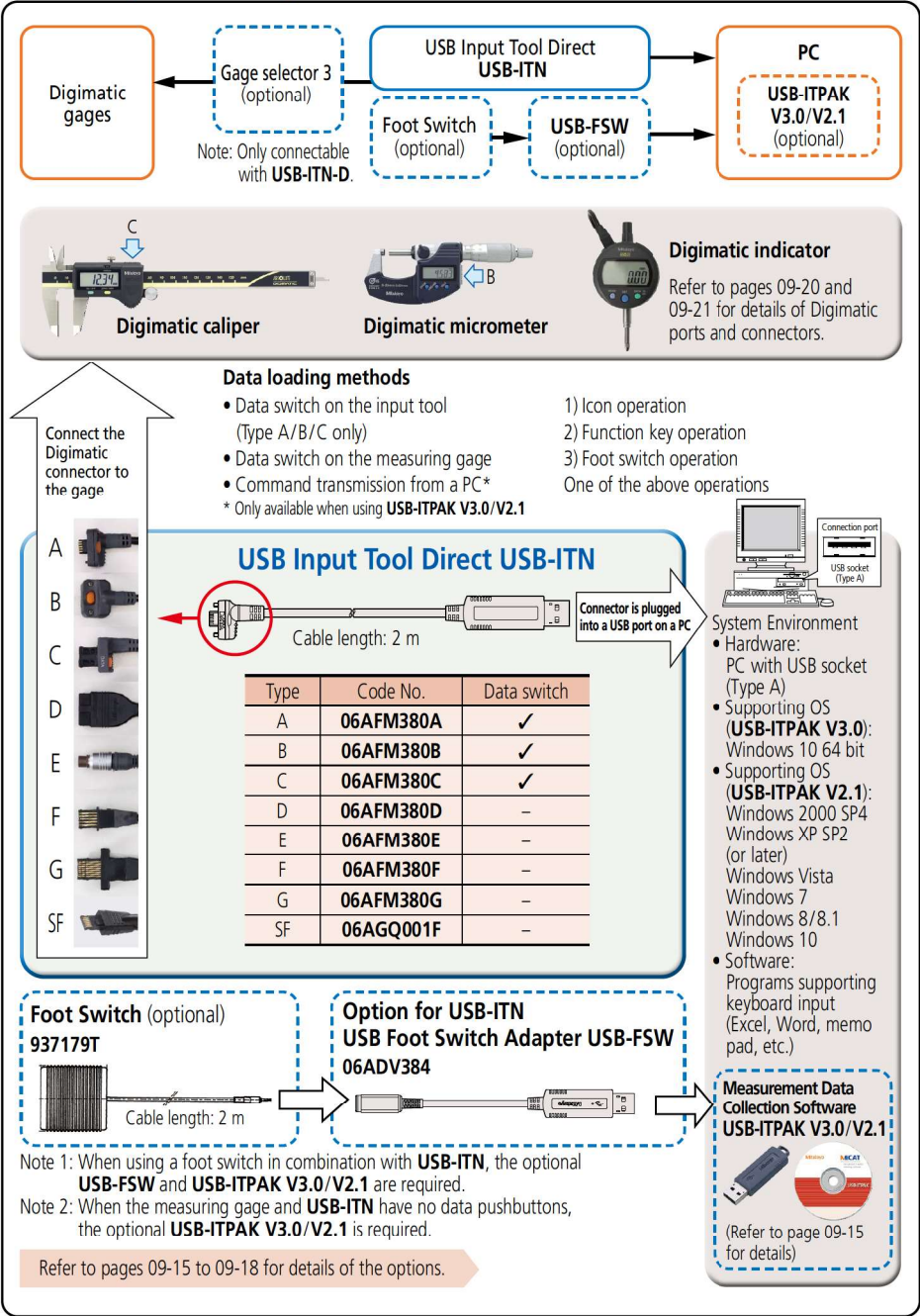# Measurement Data Management

Digimatic Gage/PC Data Input Device
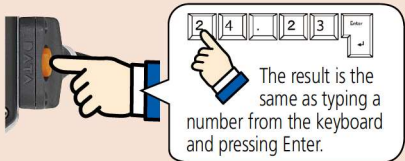## USB Input Tool Direct USB-ITN

- Converts measurement data to keyboard signals and directly inputs them to spreadsheet software such as Excel and Notepad.

- When using with optionial software (refer to page 09-15), you can easily create Microsoft Excel worksheets, enabling further improvement of work efficiency.

USB-ITN

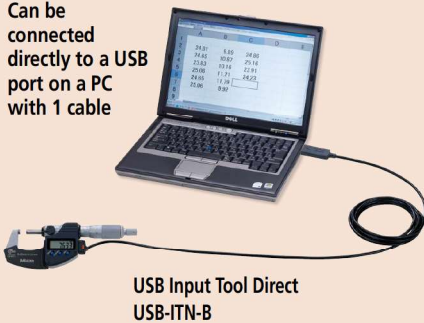### USB-ITN System Configuration

Digimatic gages ← Gage selector 3 (optional) ← USB Input Tool Direct **USB-ITN** → PC / **USB-ITPAK V3.0/V2.1** (optional)

Note: Only connectable with **USB-ITN-D**.

Foot Switch (optional) → **USB-FSW** (optional)

Digimatic caliper

Digimatic micrometer

Digimatic indicator
Refer to pages 09-20 and 09-21 for details of Digimatic ports and connectors.

Connect the Digimatic connector to the gage

Data loading methods
- Data switch on the input tool (Type A/B/C only)
- Data switch on the measuring gage
- Command transmission from a PC*
  * Only available when using **USB-ITPAK V3.0/V2.1**

1) Icon operation
2) Function key operation
3) Foot switch operation
One of the above operations

USB Input Tool Direct USB-ITN

Cable length: 2 m

Connector is plugged into a USB port on a PC

A
B
C
D
E
F
G
SF

Type	Code No.	Data switch
A	06AFM380A	✓
B	06AFM380B	✓
C	06AFM380C	✓
D	06AFM380D	–
E	06AFM380E	–
F	06AFM380F	–
G	06AFM380G	–
SF	06AGQ001F	–

Connection port
USB socket (Type A)

System Environment
- Hardware:
  PC with USB socket (Type A)
- Supporting OS (**USB-ITPAK V3.0**):
  Windows 10 64 bit
- Supporting OS (**USB-ITPAK V2.1**):
  Windows 2000 SP4
  Windows XP SP2 (or later)
  Windows Vista
  Windows 7
  Windows 8/8.1
  Windows 10
- Software:
  Programs supporting keyboard input (Excel, Word, memo pad, etc.)

Foot Switch (optional)
937179T

Cable length: 2 m

Option for USB-ITN
USB Foot Switch Adapter USB-FSW
06ADV384

Measurement Data Collection Software
USB-ITPAK V3.0/V2.1

(Refer to page 09-15 for details)

Note 1: When using a foot switch in combination with **USB-ITN**, the optional **USB-FSW** and **USB-ITPAK V3.0/V2.1** are required.
Note 2: When the measuring gage and **USB-ITN** have no data pushbuttons, the optional **USB-ITPAK V3.0/V2.1** is required.

Refer to pages 09-15 to 09-18 for details of the options.

Input data to the PC with the push of a button

The result is the same as typing a number from the keyboard and pressing Enter.

Just press the data button to send the displayed value to the PC.

Can be connected directly to a USB port on a PC with 1 cable

USB Input Tool Direct USB-ITN-B

Because the input tool is automatically recognized as an HID* keyboard device (a standard Windows driver) just by connecting it to a USB port, no special software is required.

* HID (Human Interface Device)

Main specification
- Output compatibility: USB2.0 or USB1.0
- Supporting driver software: Switchable between 2 items below
  1) When using standalone: HID keyboard device*
  2) When using with **USB-ITPAK V3.0/V2.1**: Virtual COM port (VCP)
- Communication speed: 12 Mbps (Full Speed)
- Power source: USB bus power
- Mass: 59 g
- USB2.0 certificate
- Conforms to EU EMC Directive

* Since this device is compatible with Windows standard driver software, dedicated driver software is not required.
Note: Information regarding **USB-ITPAK V3.0** can be downloaded from our website.

Mitutoyo