# Simplified Tensile Tester          PT-IV30

For strength, and
quality control
of spot weldeing

| | |
|---|---|
| **Model** | PT-30 |
| **Max. measuring capacity** | 30kN（Measurable range: 2kN〜30kN） |
| **Accuracy** | ±10% |
| **Load indication** | Digital |
| **Clamping method** | Top/Bottom clamps（Tightened by M10 hexagon socket bolt） |
| **Pressing method** | Manual Lever（With hydraulic jack） |
| **Test sample dimensions** | JIS Z 3136 for single point Max  W50mm L100mm |
| **Weight** | Tester : 68 kg   Pedestal : 41kg |
| **Dimensions** | H800xW460xD400 Desktop type |
| **Pedestal** | H700xW500XD500 with caster |
| **Packaging** | H950xW700XD700 |
| **Accompanying function** | Print function・Data linkage funcion |
| **Calibration** | Please contact |

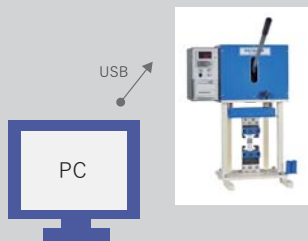＊Details of the images might be different from ones of real products.

# ■ OPERATION



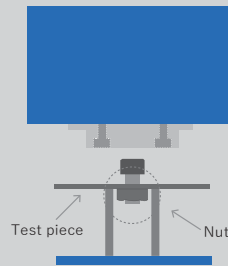| Set the test piece | Pull it unitl the welded surface comes apart. | Test completed | Printed data/ PC saved data |

PC

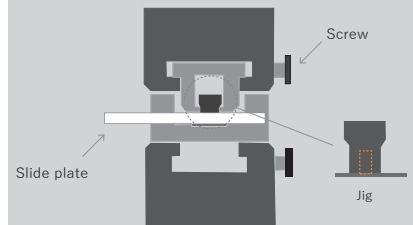# ■ FUNCTION AND TESTS

## 1．DATA LINKAGE



USB

PC

If you install a dedicated app on your PC, Test results are automatically recorded on the PC. No more transcription errors. In addition to entering comments for each test, you can also compare and review past test results.

## 2．NUT TEST



Test piece                    Nut

Use the spacer as a cradle and attach the bolt to measure.
JIS standard, B1196 indentation peel test available.

## 3．SCREW TEST



Screw

Slide plate

Jig

If you install a jig (option),
Screw strength can also be checked.
Testable screw sizes are M3 to M10
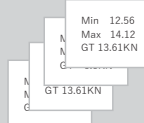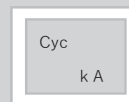There are 6 types up to.

*Jig sold separately

# ■ WHEN TO USE



Min  12.56
Max  14.12
GT 13.61KN

Min  12.56
Max  14.12
GT 13.61KN

Cyc
k A

| Want to check the balance betweeen strength and aesthetics. | Want to show strength by numeric value. | Want to combine multiple data and manage with PC | Want to set optimum welding parameters | Stop relying on the methods, such as hitting with a hammer, twisting by hand. |