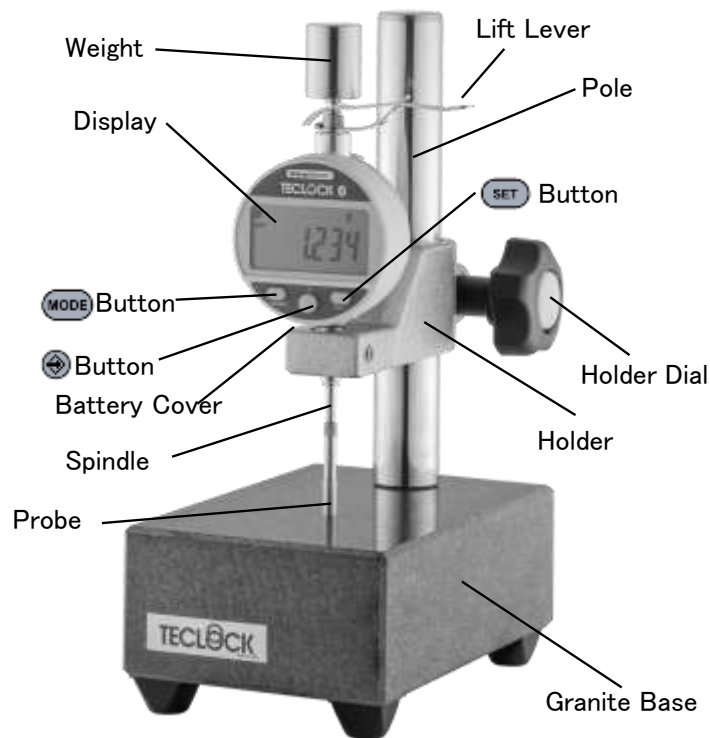


User's Manual

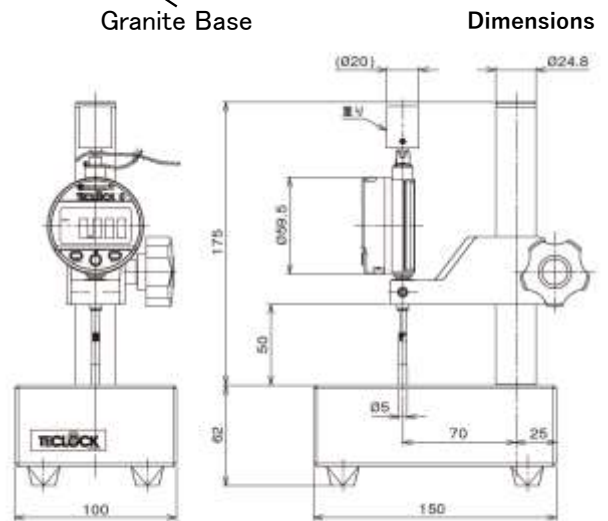
Bluetooth Digital Constant Pressured Thickness Gauge

Type : SSPG Series



Parts	Features
Battery Cover	for exchange the Battery(CR2032)
Display	Display Measuring value, Setting mode, etc.
Button	Basic function by short press, Advanced function by long press
Button	Change each mode, digit, etc.
Button	Send button on Measuring, Enter button on setting
Lift Lever	Lifting lever for putting in the work
Weight	Weight for constant pressure
Spindle	Measuring axis
Probe	Contact point
Granite Base	Base for measuring

*1) Refer to Indicator manual for detail operation.



Unit:mm

Q-155-1-E Ver1.3

1. Power on/off operation

(1) Power on Press any button, then Power on.

(2) Power off

① Long press **SET** button(2 sec. or more), then it is standby and display is disappeared.

② Long press **SET** button(4 sec. or more), then 「off」displayed and Power off.

※)In the case of no using for a long time, do ② operation.

2. Preparation for Measuring

(1) Setting for Bluetooth

① Long press **MODE** button, then Advanced mode. (「Unit」displayed)

② Short press **MODE** button 5 times, then 「bt CFG」displayed.(Bluetooth setting mode)

③ Short press **↔** button any times, then select 「HID」 or 「PAIr」 and press **SET** button.

④ Short press **MODE** button any times, then 「bt」displayed.(Bluetooth setting mode)

⑤ Short press **↔** button, then select 「on」 and press **SET** button.(Bluetooth on mode)

⑥ Short press **MODE** button any times, then 「bt」displayed.(Bluetooth setting mode)

⑦ Short press **↔** button, then 「rESEt」displayed and press **SET** button.(Bluetooth Reset)

⑧ Pair connection with PC.

⑨ Display on Bluetooth mode

Pairing mode	Instrument name on PC display
	Standard Indicator
Pair	SY289
HID	S Dial work HID

Display status	Operating mode
off	Bluetooth disconnected
blinkingg	Bluetooth advertising
on	Bluetooth connected
rESEt	reset : clear pairing information
MAC	MAC : display the MAC address
Simple	Simple : profile without pairing
PAIr	Pair : paired and secured profile
Hid	HID : virtual keyboard

3. Measuring

(1) Setting zero point

① Hold this Probe in standing position.

② Short press **SET** button, 「Zero」displayed and reset.

(2) Measuring a thickness

① Place a work between contact point and anvil by Lift lever.

② Press **↔** button, then measuring data is sent to PC.

4. Maintenance

Carefully dry all mechanical parts of the instrument after contact with liquids to ensure proper operation and avoid corrosion.

Don't use aggressive products (alcohol, trichloroethylene or others) to clean plastic parts.

Don't expose the instrument to direct sunlight, heat or humidity

5. Installing and replacing the battery







6. Specifications

Model	Reference Standard		Resolution (mm)	Measuring Range (mm)	Load (Measuring Force)	Contact Point ΦD(mm)	Measured Pressure
	JIS	Measured Item					
SSPG-01	K6732-1996	Poly Vinyl Chloride Films for Agriculture	0.001	12	0.8N(80±5gf)	Φ 5	
SSPG-02	K6783-1994	Ethylene / Vinyl Acetate Copolymer Film for Agriculture	0.001	12	1.22±0.14N (125±15gf)	Φ 5	
	Z1702-1994	Polyethylene Films for Packaging			1226±147mN (125±15gf)		
	Z1709-1995	Heat Shrinkable Plastic Films for Packaging					
SSPG-11	K6400-1-2004	Flexible Polyurethane Foam	0.01	12	0.363N(37gf)	Φ 35.7	0.363kPa(3.7gf/cm ²)
	K6402-1976	Flexible Urethane Foam (Repeal of Standard in 2000)					
SSPG-12	K6301-1995	Vulcanized Rubber(Repeal of Standard in 1998)	0.01	12	0.785N(80gf)	Φ 5	
SSPG-13	K6404-2-3-1999	Rubber Cloth / Plastic Cloth	0.01	12	0.785N(80gf)	Φ 10	10±1kPa
	K6328-1999	Rubber Coated Fabrics					10±2kPa
	K6250-2006	Rubber / For A Method(less than 35 IRHD)					
SSPG-14	L1086-2007	Fusible Interlining Fabrics(Non Woven Textile)	0.01	12	0.394N(40gf)	Φ 16	2kPa
SSPG-15	L1086-2007	Fusible Interlining Fabrics(Ordinary Textile)	0.01	12	2.35N(240gf)	Φ 11.3	23.6kPa
	L1096-1999	Woven Textile(Ordinary Textile)					23.5kPa(240gf/cm ²)
SSPG-16	L1018-1999	Knitted Fabrics(Ordinary Textile)	0.01	12	0.343N(35gf)	Φ 25.2	0.7kPa(7gf/cm ²)
	L1086-2007	Fusible Interlining Fabrics(Ordinary Knitting Fabric)					0.7kPa
	L1096-1999	Woven Fabrics(Crinose Textile)					0.7kPa(7gf/cm ²)
SSPG-17	K6505-1995	Man made Upper Material of Shoes	0.01	12	3.854±0.098N (393±10gf)	Φ 10	49.03±1.177kPa (500±12gf/cm ²)
	K6550-1994	Leathers			3.85±0.1N (390±10gf)		
SSPG-18	K6250-2006	Rubber A Method(35 IRHD and over)	0.01	13	0.431N(44±10gf)	Φ 5	35 IRHD以上22±5kPa (2.24±0.51gf/mm ²)

※) Instrument weight = Stand / Indicator etc (about 3.7kg) + Weight

7. Certification

contains bluetooth module	ISP091201D
Region	Certification
USA	FCC ID : 2AAQS-ISP091201
Canada	IC : 11306A-ISP091201
Brazil	Anatel : 0516-14-4534
Korea South	 MSIP-CRM-iNs-ISP091201
Mexico	IFT : RCPSYIS14-0655
Japan	 R001-A06167
Taiwan	 CCAH18LP2040T6
EU	
India	WPC : ETA-1003/2-17-/RLO(WR)

CERTIFICATE OF CALIBRATION

We hereby certify that this product has been calibrated and found to be in accordance with the applicable NATIONAL STANDARDS and TECLOCK STANDARDS, Equipment used in this calibration has traceable accuracy to the NATIONAL LENGTH and FORCE STANDARD.



Notice for use

Be sure to conduct a routine check for this product according to the purpose of use before use. This product is precision instrument, periodically considering frequency of use, environmental conditions and method of use.

It is not guaranteed for the performance of this product, which has been repaired or disassembled by other than TECLOCK.

For appearance and other design improvement, this products
subject to change without advance notice.

TECLOCK Corporation

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