

Tension Gauge YS-31D Dial 5N

Instruction for Use

This dial-type gauge is used for measuring the strength of elastic, coil spring or elastic line at inside or outside mouth.

The feature is that this gauge can measure either way that you "push" or "pull".

Black hand of gauge and red one move simultaneously and the red one remains so it can measure the strength accurately and easily.

How to use

•A part

Press to elastic line contacting teeth and measure the pressure force.

•B part

Press to elastic line and measure the pressure force.

This part also can be used for coil spring.


•C part(hook)


Hook on elastic which is used for intermaxillary fixation or extraoral fixation.

Afterwards pull the gauge and measure the elasticity.

[Zero point adjustment]

1. Press "C part" softly and get the hand back to right above.
2. Put black hand little bit on minus part(by turning dial frame to left side) and turn the centre screw to right side so the both hands get same position.
3. Turn the dial frame to right side and put both black and red hands on zero point.
(When the product is at the same position with right chart)

If the product stands upside down, put both black and red hands on  point.

If the product stands horizontal, put both black and red hands on  point.

[Caution]

• This product is inspected at the same position with right chart.

• Please do "Zero point adjustment before use"

*Accuracy : $1N \div \pm 1 \text{ scale}$

*1N=100g

