



Portable Measurement Gauge for Train Wheel

Digital Flange "D" Gauge

Analogue Flange "A" Gauge

Digital Diameter Gauge

Digital Rim Thickness Gauge

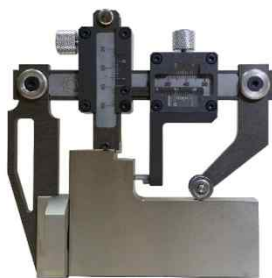
Back to Back Distance Gauge

Digital Wheel Groove Gauge

Digital PAD Distance Gauge



117, Jeongseojin-ro, Seo-Gu, Incheon, Korea
TEL 032-576-0501 FAX 032-575-4762
www.ecomaister.com



Digital Flange "D" Gauge



Specification

[Measuring Range]

- Flange Height : 21 ~ 39 mm
- Flange Thickness : 16 ~ 41 mm

[Accuracy]

- Precision : $\leq \pm 0.05$ mm
- Measuring Unit : 0.01 mm

[Size & Weight]

- Size : 150 x 145 mm
- Weight : App. 400g

[Power]

- 1.5V – SR44 Battery [2EA]
- Approx. 2 years

Model

DGXP[GV] : XP55, GV40 – High Speed Railway
(KTX)

DG20 [1, 2] : 1/20 – Railway/Subway/LRT

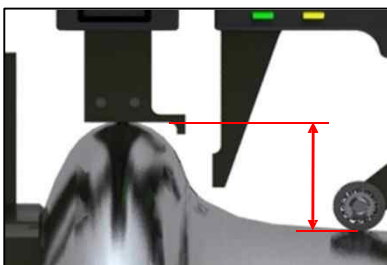
DG40 : 1/40 – Railway/Subway

DGHG : Huemann – Railway/Subway

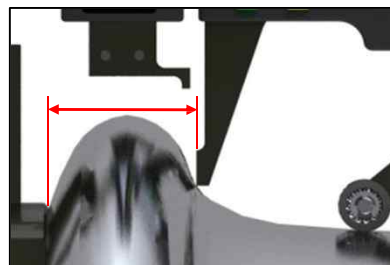
Feature

- Measured value displays with digital number
- One-touch data hold for the measured value
- Easy measurement and fast measurement time
- Structure always facing the center of the wheel during measurement
- Economical machining and history management of wheel with high accuracy
- Mitutoyo Sensor Using
- Fix inner side with magnet and support cross section roller
- Superior readability

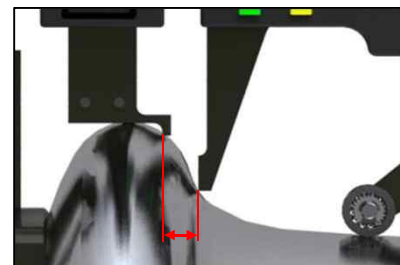
Wheel Measuring Point



Flange Height

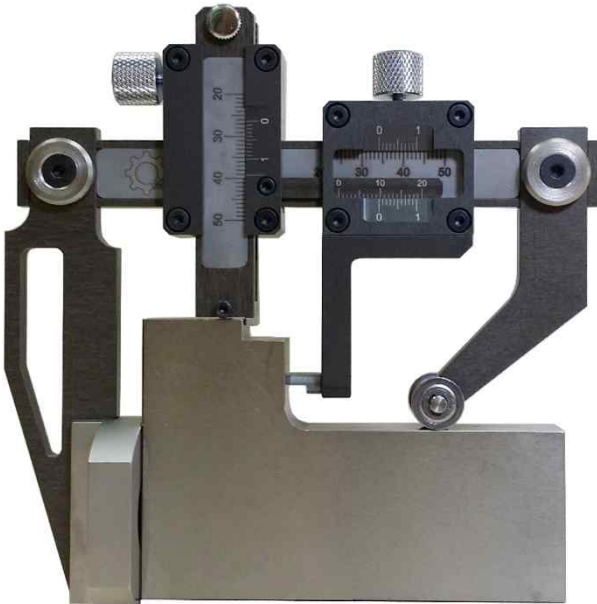


Flange Thickness



Flange Qr

Analogue Flange "A" Gauge



Specification

[Measuring Range]

- Flange Height : 21 ~ 47 mm
- Flange Thickness : 21 ~ 50 mm
- Qr : 0 ~ 20 mm

[Accuracy]

- Precision : $\leq \pm 0.1$ mm
- Measuring Unit : 0.1 mm

[Size & Weight]

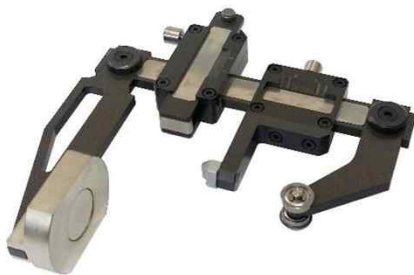
- Size : 150 x 145 mm
- Weight : App. 370g

Model

AGXP[GV] : XP55, GV40– High Speed Railway(KTX)
AG20 [1, 2] : 1/20 – Railway/Subway/LRT
AG40 : 1/40 – Railway/Subway
AGHG : Huemann – Railway/Subway

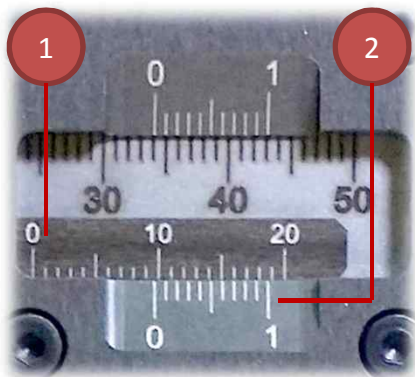
Feature

- Measured value hold function
- Easy measurement and fast measurement time
- Structure always facing the center of the wheel during measurement
- Economical machining and history management of wheel with high accuracy
- Fix inner side with magnet and support cross section roller
- Convenient for wheel left and right measurement with scale display on both sides of gauge



ex) Measured Value Checking

- No.1 Scale unit : 1 mm
- No.2 Scale unit : 0.1 mm
- No.1 Scale~No.2 Scale "0" position gradation : 9 ~ 10 mm
- No.1 Scale~No.2 Scale "0" position gradation : 9 ~ 10 mm
- At No.2 scale, the gradation matching with No.1 scale : 6th gradation
- Measured Value : 9.6 mm



Digital Diameter Gauge



Specification

- [Measuring Range]
 - Wheel Diameter : $\varnothing 700 \sim \varnothing 945$ mm
- [Accuracy]
 - Precision : $\leq \pm 0.15$ mm
 - Measuring Unit : 0.1 mm
- [Size & Weight]
 - Size : 315 x 205 mm
 - Weight : App. 2.5kg
- [Power]
 - Ni-MH (Nickle-Hydragen) battery
 - Charging (3~4 hr charge, 20 days using)

Feature

- Measured value displays with digital number
- One-touch data hold for the measured value
- Max, Min, Average, Current Value Display
- Both sides large LCD(Display) and Switch
- LCD back light function
- Charge Checking LED
- Mitutoyo Sensor Using
- Fix inner side with magnet and support cross section roller
- Convenient for measurement with scale display on both sides of gauge

Model

- DIAG75 : Railroad / Subway
 - $\varnothing 700 \sim \varnothing 945$ mm / $\varnothing 940 \sim \varnothing 1300$ mm
- DIAG70 : High Speed Railroad / LRT
 - $\varnothing 800 \sim \varnothing 960$ mm [High Speed Railroad]
 - $\varnothing 580 \sim \varnothing 820$ mm [LRT]
- DIAG65 : Steelworks etc.



Digital Rim Thickness Gauge



Model

DRG20[1,2] : 1/20 – Railway/Subway/LRT

DRG40 : 1/40 – Railway/Subway

DRGHG : Huemann – Railway/Subway

Specification

[Measuring Range]

- Rim Thickness : 16.5 ~ 77 mm

[Accuracy]

- Precision : $\leq \pm 0.05$ mm

- Measuring Unit : 0.01 mm

[Size & Weight]

- Size : 100 x 150 mm

- Weight : App. 300g

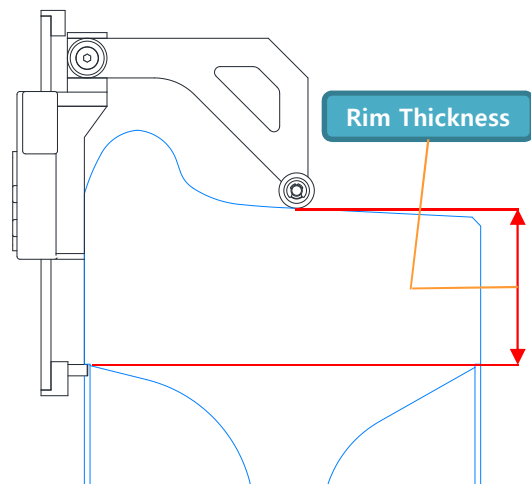
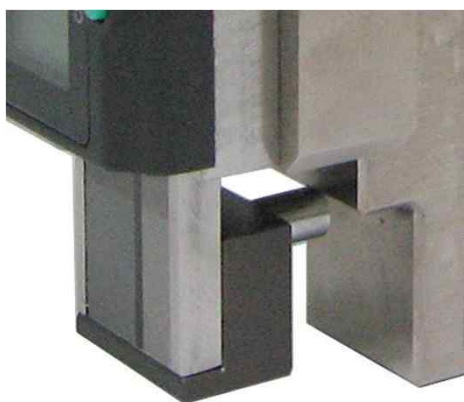
[Power]

- 1.5V – SR44 battery [1EA]

- Approx. 2 years

Feature

- Measured value displays with digital number
- One-touch data hold for the measured value
- Easy measurement and fast measurement time
- Structure always facing the center of the wheel during measurement
- Economical machining and history management of wheel with high accuracy
- Mitutoyo Sensor Using
- Fix inner side with magnet and support cross section roller



Back to Back Distance Gauge



Specification

[Measuring Range]

- Inner side distance : 1345 ~ 1370 mm

[Accuracy]

- Precision : $\leq \pm 0.1$ mm
- Measuring Unit : 0.1 mm

[Size & Weight]

- Size : 70 x 107 x 1455 mm
- Weight : App. 3.5kg

[Power]

- Ni-MH (Nickel-Hydrogen) battery
- Charging (3~4 hr Charge, 20 days using)



Feature

- Measured value displays with digital number
- One-touch data hold for the measured value
- Max, Min, Average, Current Value Display
- Easy measurement and fast measurement time
- LCD back light function
- Charge Checking LED
- Mitutoyo Sensor Using
- Measuring Part Roller Using
- Flange Top part Shaft Support

Model

BTBD : Railway / Subway / High Speed
Railway / LRT / Others (Steelworks)





Provider of Good Idea

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