

HEIGHT GAGES

Heavy Duty Type Digimatic Height Gages Series 192

Features

- Two measuring modes, ABS (absolute) and INC (incremental), for increased inspection efficiency.
- Rigid construction ensures repeatable measurements.
- Bi-directional touch signal probe for improved efficiency and reliability of measurement. (192-008)
- Display: LCD, Height .394", 6 digits and a minus sign (-).
- Functions include: Zero/ABS setting (ABS and INC modes), Origin restoration, Presetting (ABS and INC modes), Preset value memory (ABS mode), Data hold, Inch/mm conversion, Coarse/Fine Feed switching, Counting direction, Error alarm, Low battery alarm.
- Provided with a data output port for connection with the SPC system.
- Standard long scribe (5.90") carbide-tipped.

CONTROL PANEL FEATURES

On/Off switch	Mode Switch (Switches between preset and touch probe dia. compensation).
Inch/Metric switch	
Zero/ABS switch	Counting Direction switch
Data/Hold switch	

Touch Probe

Order No.	192-008
Measuring Direction	Two-Direction
Over Travel	.06" (1.5mm)
Repeatability	.00008" (2µm)
Measuring Force	0.4N
Contact Point	.12" (ø3mm) carbide ball



192-670
with option
Touch Probe
192-008

Dimensions

Order No.	A	B	C	D	E	F	G	H
192-670	3.94"	20.09"	1.18"	2.76"	.79"	1.50"	1.89"	5.87"
192-671	4.72"	25.55"	1.18"	2.76"	.79"	1.50"	2.13"	7.09"
192-672	4.72"	31.57"	1.18"	2.76"	.79"	1.50"	2.13"	7.09"
192-673	5.91"	48.35"	1.38"	8.39"	.79"	1.50"	2.56"	9.84"

Specifications

Digimatic Height Gages

Inch/Metric

Order No.	192-670	192-671	192-672	192-673
Measuring Range	0-12" 0-300mm	0-18" 0-450mm	0-24" 0-600mm	0-40" 0-1000mm
Resolution	.0005"/0.01mm			
Accuracy (20°C)	±.001"	±.0015"		±.0025"
Quantizing Error	±1 count			
Response Speed	19.69"/s (500mm/s)			
Power Supply	One CR2032 Lithium cell No.05SAA217			
Mass	14.33 lbs	19.18 lbs	20.94 lbs	43.65 lbs
Standard Accessories	Scriber 905201 Scriber Clamp 901385 One CR2032 Lithium cell 05SAA217			
Data output	Digimatic code output.			
Optional Accessories	Two-directional Touch Probe (192-008) Measuring force 0.4N For SPC output order Connecting Cable No. 905338 (1m) or 905409 (2m).			

