

DIGI-CHEK™ HEIGHT GAGES

DHG DIGI-CHEK™ II HEIGHT MASTER

RANGES UP TO 85" AND 2150MM

These are the world's fastest and most precise height masters, ideal for those who need the highest degree of accuracy over an extremely long vertical range.

DIGI-CHEK II Height Master (1-85" Range)

Cat. No.	EDP	Capacity
DHG 25.	93265	1-25"
DHG 37.	93266	1-37"
DHG 49.	93267	1-49"
DHG 61.	93268	1-61"
DHG 73.*	93269	1-73"
DHG 85.*	93270	1-85"

DIGI-CHEK II Height Master (25-2150mm Range)

Cat. No.	EDP	Capacity
DHG 625.	93271	25-625mm
DHG 1025.	93272	25-1025mm
DHG 1225.	93273	25-1225mm
DHG 1550.	93274	25-1550mm
DHG 1800.*	93640	25-1800mm
DHG 2150.*	93275	25-2150mm

* Setup charge extra depending on location.

Optional Equipment for DIGI-CHEK II Height Master

Cat. No.	EDP	Description
HG 525.60 (Inch)	92579	Reverse Reading Blocks
HG 501.3M (Millimeter)	91486	
HG 525.61 (Inch)	92577	1" or 25mm base blocks for use with reverse reading blocks to set dial bore gages
HG 501.4M (Millimeter)	91487	
CS 9133.	92320	Finished wood case for reverse reading and base block

Specifications for DIGI-CHEK II Height Master

Description	Inch System	Metric System
Tolerance (Stack)	expressed in μ in	expressed in μ m
Maximum:	2.5L + 10 (in inches)	.0025L + .25 (in mm)
Minimum:	-10	- .25
Parallelism: Gage Surfaces to Base and Each Other	15 μ in	0.4 μ m
Resolution	10 μ in or 20 μ in	0.5 μ m or 1.0 μ m
Repeatability of Readout	$\pm$ 20 μ in	0.5 μ m or 1.0 μ m
Digital Readout	1/2" high figures	12.5mm
Readout Pedestal Height	38"	970mm
Power Supply	Switchable: 115 V 60 Cycle or 220 V 50 Cycle	
Certificate of Calibration (Extra Cost)	expressed in μ in	expressed in μ m
Uncertainty of Calibration of Stack	10 + 2.0L (in inches)	.25 + .002L (in mm)
Uncertainty of Calibration of Readout	$\pm$ 30 μ in	$\pm$ 0.75 μ m

μ = .000001 x unit of measure

The accuracy of the surface that supports the gage must be taken into account when determining the accuracy of any measurements.

- Can be used in the laboratory or on the shop floor
- Lower inspection costs by saving time – within 10 seconds the tool can be set into position
- The gage block stack is free-standing, so it will adapt to temperature differences in a reasonable time period
- 1" or 25mm range of adjustment
- Reverse reading block allows readings from the underside of the master gage blocks
- The large, remote digital readout can be placed in the most convenient location and adjusted for best readability
- The housing is heavy and extremely stable with hardened and lapped three-point bearings
- Standard equipment: pedestal stand for readout unit, DIGI-CHEK II plastic dust cover and wood shipping/storage case



SIMPLE, TWO STEP OPERATION IN LESS THAN 10 SECONDS.

1. Set rapid positioner (A) to within .005" (0.15mm) (3 seconds).
2. Final setting (5 seconds).

