

COMPUTERIZED FORCE HEIGHT GAUGE

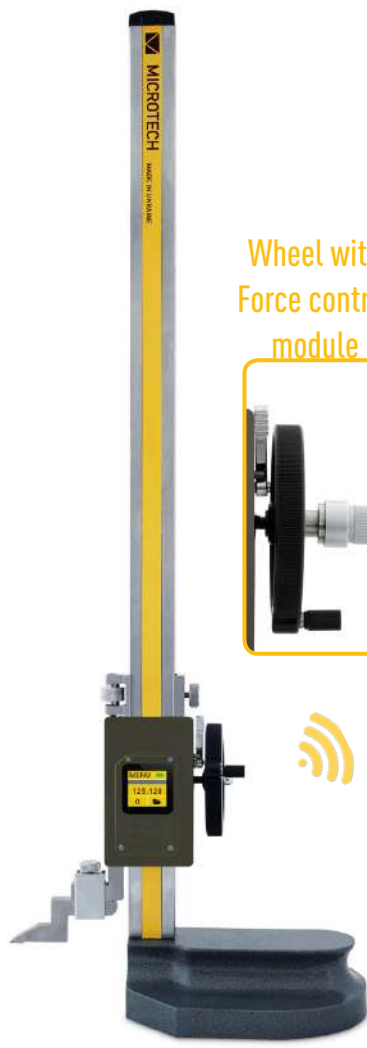
- Patent US10184772, UA 99687, UA103318, UA104879, UA112254, UA 126928 by MICROTECH
- Force control module 12 N or Fine adjustment wheel with Force control 8N
- Iron or Granite (gr.00) base
- **INTELLIGENT** computerized indication system **MICS** with colour touchscreen display adapted to Industry 4.0
- Functions: Go/NoGo, Max/Min, Memory, Statistic, Timer, Formula, mm/inch, Preset, Calibration date, Lock, Mathematical & Temperature error compensation, Switch off, Brightness, Rotation, Rechargeable Li-Pol battery
- **Wireless** data transfer to Windows, Android, iOS applications with distance up to **50 m**
- **FREE** version of software for Windows PC, Android, iOS tablets and smartphones
- Calibration certificate included (ISO17025 (Ilac MRA))



Force module for quick measurements



Wheel with Force control module



Free Software for Windows, Android, iOS

max 50 m
data transfer distance



1µm

GRANITE BASE
GR.00



FORCE COMPUTERIZED HEIGHT GAUGE

Item No	Range		Resolution		Accuracy	Force control	Base	Indication	Data output	Calibration
	mm	inch	mm	inch	µm				Wireless	ISO 17025
1443030262	0-300	0-12"	0,01	0.0005"	±30	12N	Cast iron	computerized MICS system with 1,54" touchscreen	max 50 m	+
1443030261			0,001	0.00005"	±20	12N	Cast iron		max 50 m	+
1443050262	0-500	0-20"	0,01	0.0005"	±40	12N	Cast iron		max 50 m	+
1443050261			0,001	0.00005"	±30	12N	Cast iron		max 50 m	+
1443100262	0-1000	0-40"	0,01	0.0005"	±50	12N	Cast iron		max 50 m	+
1443100261			0,001	0.00005"	±40	12N	Cast iron		max 50 m	+
1443150262	0-1500	0-60"	0,01	0.0005"	±70	12N	Cast iron		max 50 m	+
1443150261			0,001	0.00005"	±60	12N	Cast iron		max 50 m	+
1443200262	0-2000	0-80"	0,01	0.0005"	±90	12N	Cast iron		max 50 m	+
1443200261			0,001	0.00005"	±75	12N	Cast iron		max 50 m	+

FORCE WHEEL COMPUTERIZED HEIGHT GAUGE

Item No	Range		Resolution		Accuracy	Fine adjust. wheel with Force	Base	Indication	Data output	Calibration
	mm	inch	mm	inch	µm				Wireless	ISO 17025
1443030264	0-300	0-12"	0,01	0.0005"	±30	8N	Cast iron	computerized MICS system with 1,54" touchscreen	max 50 m	+
1443030263			0,001	0.00005"	±20	8N	Cast iron		max 50 m	+
1443030266			±15	8N	Granite gr.00	max 50 m	+			
1443060264	0-600	0-24"	0,01	0.0005"	±40	8N	Cast iron		max 50 m	+
1443060263			0,001	0.00005"	±30	8N	Cast iron		max 50 m	+
1443060266			±25	8N	Granite gr.00	max 50 m	+			

COMPUTERIZED MICS SYSTEM FUNCTIONS

MENU

-0.0000

0

TOUCHSCREEN OPERATION

ERGONOMIC MENU

ALL

+7.3563

-0.1109

+1.2293

+26.9993

-8.8673

INTERNAL MEMORY

Statistic

MAX: +26.999

MIN: 8.8673

AVG: +5.3213

D: +26.863

STATISTIC INFO

Resolution

X.0000

Millimeters

RESOLUTION UP TO 0,1 MICRON

MENU

-1.7210

0

COLOUR GO/NOGO

MENU

7.2241

0

MAX/MIN READING

Formula

AX+BX+C

Set Argv

FORMULA MODE (PRESET AND OTHER)

Temp.comp.

Glass, Quartz, Solid alloys, Mo

+00.00

TEMPERATURE COMPENSATION FOR 7 TYPES OF MATERIALS

0.8970

0.8920

OK

RESET

MATHEMATICAL ERROR COMPENSATION

Display

Angle 180

Sleep 15s

DISPLAY ROTATION AND BRIGHTNESS

Timer

+000 sec.

RESET

DATA TRANSFER BY TIMER

Calibration

DAY MONTH YEAR

01 01 2020

CHANGE

CALIBRATION DATACONTROL

Link to software

FREE SOFTWARE FOR WINDOWS, ANDROID, IOS

MENU

1.5337

0

DATA TRANSFER BY TOUCH-SCREEN OR BUTTON PUSH

4.0
INDUSTRY 4.0
READY

1µm
RESOLUTION

IP65
PROTECTION

µm
WIRELESS
DATA TRANSFER

8N
FORCE CONTROL

Go
NoGo
TOLERANCE FUNCTION

1000 values
MEMORY MANAGER

Ax²+Bx+C
PRESET
FORMULA MODE

TEMPERATURE
COMPENSATION

ERROR COMPENSATION