

COMPUTERIZED FORCE HEIGHT GAUGE

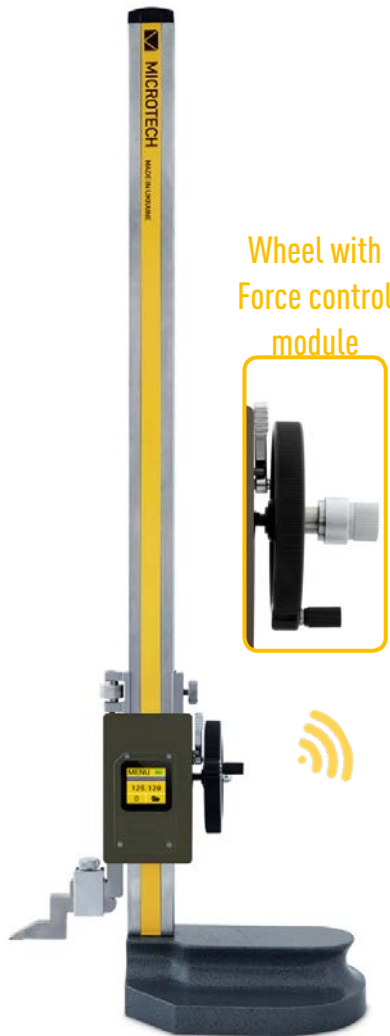
- Patent US10184772, UA 99687, UA103318, UA104879, UA112254, UA 126928 by MICROTECH
- Force control module 12 N or Fine adjustment wheel with Force control 8N
- Iron or Granite (gr.00) base
- **INTELLIGENT** computerized indication system **MICS** with colour touchscreen display adapted to Industry 4.0
- 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
- **Long range** Wireless data transfer to Windows, Android, iOS applications
- **FREE** version of software for Windows PC, Android, iOS tablets and smartphones
- Calibration certificate included (ISO17025 (Ilac MRA))



Force module
for quick
measurements

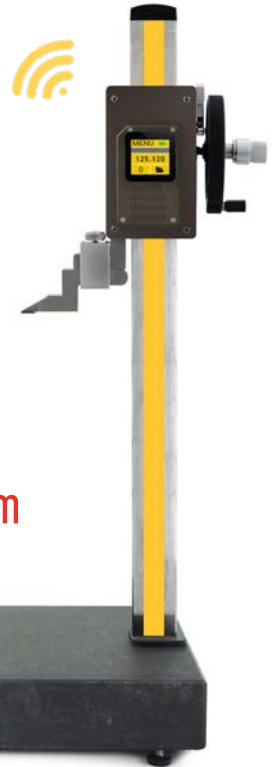


Wheel with
Force control
module



Free Software for Windows, Android, iOS

Long range
data transfer distance



1 μ m

GRANITE BASE
GR.00



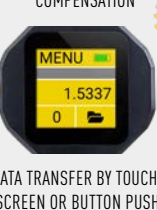
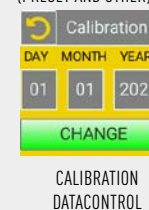
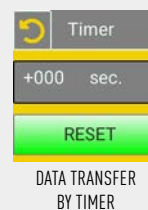
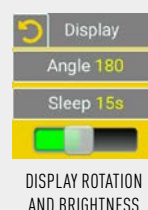
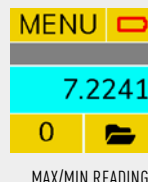
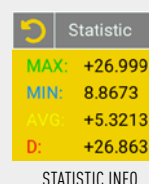
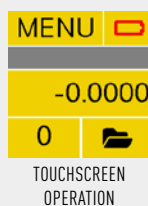
FORCE COMPUTERIZED HEIGHT GAUGE

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

FORCE WHEEL COMPUTERIZED HEIGHT GAUGE

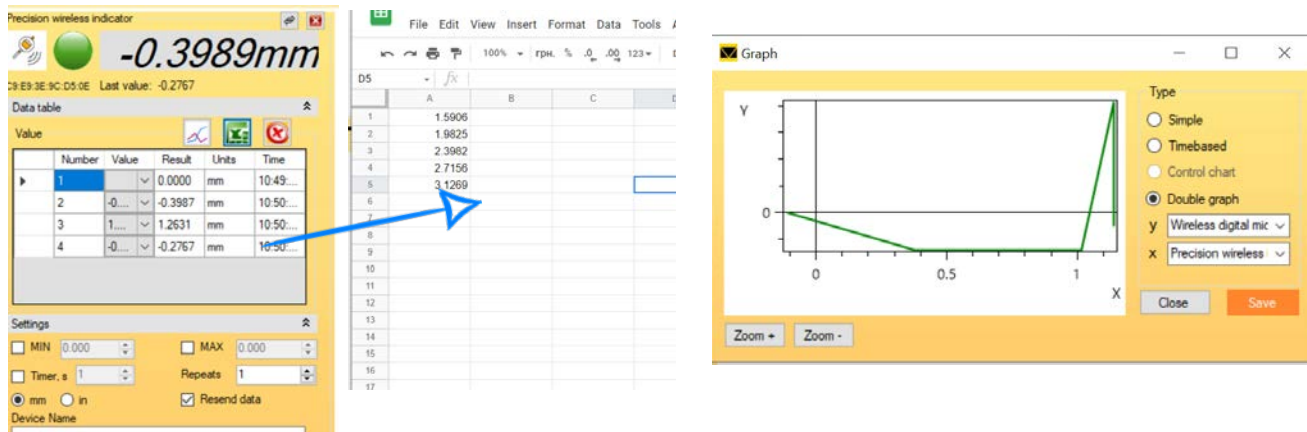
Item No	Range		Resolution		Accuracy	Fine adjust. wheel	Base	Indication	Data output	Calibration
	mm	inch	mm	inch					Wireless	
1443030264	0-300	0-12"	0,01	0.0005"	±30	+	Cast iron	computerized MICS system with 1,54" touchscreen	Long range	+
1443030263			0,001	0.00005"	±20	+	Cast iron		Long range	+
1443030266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

COMPUTERIZED MICS SYSTEM FUNCTIONS



2D COMPUTERIZED HEIGHT GAUGE WIRELESS

- Patent US10184772, UA99687, UA131637, UA202002000 by MICROTECH
- 2D measuring on X, Z axis with data transfer to MICROTECH MDS Pro app for Windows
- 2D Graph on MDS Pro app for Windows and data export possibilities to xls, csv, pdf format or resend to external Windows app's
- Extra-High accuracy up to $\pm 15\mu\text{m}$ on axis Z and $\pm 2\mu\text{m}$ on axis X
- Resolution up to 0.1 micron
- Fine adjustment module
- Calibration certificate included (ISO17025 (Ilac MRA))



2D COMPUTERIZED HEIGHT GAUGE WIRELESS

Item No	Range		Resolution		Accuracy	Base	Fine adjustment	Data output	Software	Calibration
	Z	X	Z	X						
	mm	mm	mm	mm	μm	Iron		Wireless		ISO 17025
1443030371	0-300	0-13	0,001	0,0001	± 15	+	+	Long range	MDS Pro app for Windows PC with 2D Graph functions, Statistic functions and possibility Resend to external apps.	+
1443050371	0-500	0-25	0,001	0,0001	± 20	+	+	Long range		+
1443100371	0-1000	0-50	0,001	0,0001	± 35	+	+	Long range		+

ACCESSORIES

Item No	Base
	Iron
1443020371	Magnetic base 200x100mm
1443003371	Extended iron plate 330x165 mm
1443004371	Extended iron plate 400x200 mm
1443005371	Extended iron plate 500x250 mm
1443007371	Extended iron plate 700x350 mm
1443010371	Magnetic prism 120x70x95mm

