

MICRON INTELLIGENT COMPUTERIZED FORCE HEIGHT GAUGE



Force module
for quick
measurements

- Patent US10184772, UA 99687, UA103318, UA104879, UA112254, UA 126928 by MICROTECH
- Force control module for quick and precision measuring
- Built in micro computer with colour Touchscreen display 1,5"
- Functions: Go/NoGo, Max/Min, Memory manager, Mathematical & Temp. error compensation
- Built in Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

Item No	Range	Resolution	Accuracy	Force control	Base	Functions	Data output	
							USB	Wireless
1443030261	0-300	0,001	±0,020	12N	Cast iron	Error & Temp	+	max 50 m
1443050261	0-500	0,001	±0,030	12N	Cast iron	comp. Preset.	+	max 50 m
1443100261	0-1000	0,001	±0,040	12N	Cast iron	Memory	+	max 50 m
1443150261	0-1500	0,001	±0,060	12N	Cast iron	Max/Min	+	max 50 m
1443200261	0-2000	0,001	±0,075	12N	Cast iron	Limits	+	max 50 m

MICRON INTELLIGENT COMPUTERIZED HEIGHT GAUGE FOR CYLINDRICAL OBJECTS

- Patent UA99687, UA103982, UA126928, UA131637 by MICROTECH
- 2 axis computerized height gauge for geometrical parameters of cylindrical objects control (bottles, tubes)
- Built in micro computer with colour Touchscreen display 1,5"
- Functions: Go/NoGo, Max/Min, Memory manager, Mathematical & Temperature error compensation
- Built in Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m (with external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- Built in rechargeable Li-Pol battery
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

Item No	Range		Resolution	Accuracy		Functions	Data output	
	Horiz.	Vertical.		Horiz.	Vertical.		USB	Wireless
	mm	mm	mm	mm	mm			
27733300	0-200	0-300	0,001	±0,040	±0,020	Error & Temp comp. Preset.	+	max 50 m
27733600	0-400	0-600	0,001	±0,055	±0,035	Memory Max/Min Limits	+	max 50 m

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

Ax^2+Bx+C
PRESET

FORMULA MODE

Al
Cu
Fe
Fe

TEMPERATURE
COMPENSATION

ERROR COMPENSATION

MICRON INTELLIGENT COMPUTERIZED FORCE HEIGHT GAUGE

- Patent US10184772,UA99687, UA103318, UA104879, UA112254, UA126928, UA202002000 by MICROTECH
- Fine adjustment wheel with Force control module
- Built in micro computer with colour Touchscreen display 1,5"
- Functions: Go/NoGo, Max/Min, Memory manager, Mathematical & Temperature error compensation
- Built in Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m (with external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- Built in rechargeable Li-Pol battery
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

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

Ax^2+Bx+C
PRESET

FORMULA MODE

AI
Fe
Fe

TEMPERATURE
COMPENSATION

ERROR COMPENSATION



Free Software for Windows, Android, iOS

max 50 m

data transfer distance

Item No	Range	Resolution	Accuracy	Fine adjust. wheel with Force	Functions	Data output	
						USB	Wireless
1443030263	0-300	0,001	±0,020	8N	Error & Temp comp. Preset.	+	max 50 m
1443050263	0-500	0,001	±0,030	8N	Memory Max/Min	+	max 50 m
1443060263	0-600	0,001	±0,030	8N	Limits	+	max 50 m

MICRON INTELLIGENT COMPUTERIZED FORCE HEIGHT GAUGE (GRANITE BASE)



FORCE CONTROL
MODULE

GRANITE BASE
GR.00

Item No	Range	Resolution	Accuracy	Fine adjust. wheel with Force	Functions	Data output	
						USB	Wireless
1443030266	0-300	0,001	±0,015	8N	Error & Temp comp. Preset.	+	max 50 m
1443050266	0-500	0,001	±0,025	8N	Memory Max/Min	+	max 50 m
1443060266	0-600	0,001	±0,025	8N	Limits	+	max 50 m



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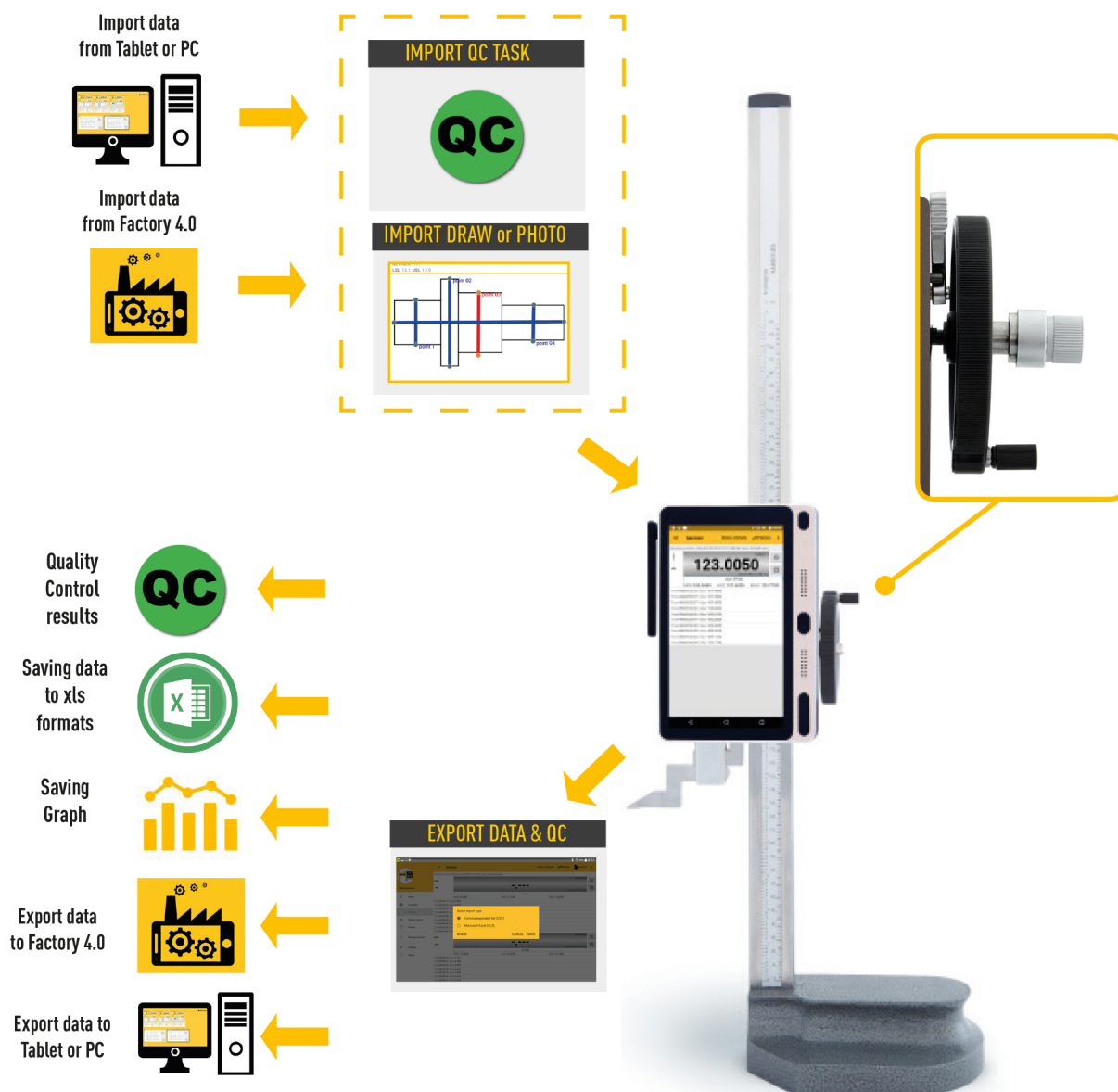
ISO 17025



ISO 9001:2015

TABLET 4.0 MICRON COMPUTERIZED FORCE HEIGHT GAUGE

- Patent US10184772, UA99687, UA131637, UA202002000 by MICROTECH
- Extra-High accuracy up to $\pm 15\mu\text{m}$ (on 500mm range)
- Quality Control system with possibility import/export tasks, setails drows & photos
- Export measuring results to USB, PC, Tablets (Industry 4.0 ready)
- Graphical mode with export possibilities
- Save measurement results in *.xls or QC files **NEW**
- Voice mode, Graphical mode, Go/ NoGo function (limits) with colour indication
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



4.0
INDUSTRY 4.0
READY

1 μm
RESOLUTION

μm
WIRELESS
DATA TRANSFER

8N
FORCE CONTROL

**Go
NoGo**
TOLERANCE FUNCTION

1000 values
MEMORY MANAGER

Item No	Range	Resolution	Accuracy	Indication	Quality control module	Import draw/photo	Fine adjustment wheel with Force	Force control
	mm	mm	mm					
1443030291	0-300	0,001	$\pm 0,030$	5" Colour	+	+	8N	
1443050291	0-500	0,001	$\pm 0,030$	5" Colour	+	+	8N	
1443060291	0-600	0,001	$\pm 0,030$	5" Colour	+	+	8N	
1443100281	0-1000	0,001	$\pm 0,040$	5" Colour	+	+	-	12N
1443150281	0-1500	0,001	$\pm 0,050$	5" Colour	+	+	-	12N