

DIAL BORE GAUGE



- Dial indicator
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Depth	Accuracy
	mm	mm	mm	mm
131010100	6-10	0,01	80	±0,008
131018100	10-18	0,01	100	±0,008
131050100	18-50	0,01	150	±0,012
131050111	18-50	0,01	500	±0,012
131160100	50-160	0,01	150	±0,015
131160111	50-160	0,01	500	±0,015
131250100	160-250	0,01	314	±0,015
131250111	160-250	0,01	500	±0,015
131450100	250-450	0,01	400	±0,022
131450111	250-450	0,01	400	±0,022
131800110	400-800	0,01	400	±0,030
131900111	700-1000	0,01	500	±0,030

0.1µm

RESOLUTION



WIRELESS
DATA TRANSFER



TOLERANCE FUNCTION



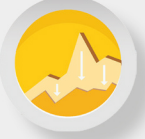
MEMORY MANAGER



FORMULA MODE



TEMPERATURE
COMPENSATION



ERROR COMPENSATION



RECHARGEABLE
BATTERY

PRECISION DIGITAL BORE GAUGE



- Electronic indicator with Digital-analog scale
- High accuracy
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

Item No	Range	Resolution	Depth	Accuracy
	mm	mm	mm	mm
131010800	6-10	0,001	80	±0,003
131018800	10-18	0,001	100	±0,003
131050800	18-50	0,001	150	±0,003
131050811	18-50	0,001	500	±0,003
131160800	50-160	0,001	150	±0,003
131160811	50-160	0,001	500	±0,003
131250800	160-250	0,001	314	±0,005
131250811	160-250	0,001	500	±0,005
131450811	250-450	0,001	400	±0,008
131800810	400-800	0,001	400	±0,009
131900811	700-1000	0,001	500	±0,012

INTELLIGENT COMPUTERIZED BORE GAUGE



- Patent UA 99686, UA126928, UA131637, W02016124990 by MICROTECH
- 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
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

Item No	Range	Resolution	Depth	Accuracy	Functions	Data output
	mm	mm	mm	mm		USB Wireless
131010700	6-10	0,0001	80	±0,003	Error comp. Temp.comp Preset. Memory Max/Min Limits	+ max 50 m
131018700	10-18	0,0001	100	±0,003		+ max 50 m
131050700	18-50	0,0001	150	±0,003		+ max 50 m
131050711	18-50	0,0001	500	±0,003		+ max 50 m
131160700	50-160	0,0001	150	±0,003		+ max 50 m
131160711	50-160	0,0001	500	±0,003		+ max 50 m
131250700	160-250	0,0001	314	±0,005		+ max 50 m
131250711	160-250	0,0001	500	±0,005		+ max 50 m
131450711	250-450	0,0001	400	±0,008		+ max 50 m
131800710	400-800	0,0001	400	±0,009		+ max 50 m
131900711	700-1000	0,0001	500	±0,012		+ max 50 m

TRANSFORMER INTELLIGENT COMPUTERIZED BORE GAUGE

0.1µm

RESOLUTION

µm

WIRELESS
DATA TRANSFER

Go
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

Ax^2+Bx+C
PRESET

FORMULA MODE

TEMPERATURE
COMPENSATION

ERROR COMPENSATION

RECHARGEABLE
BATTERY

- Patent UA 114974, UA 103980, UA131637, W02016124990 by MICROTECH
- Recommended for Horizontal measurements (Vertical for special requirement)
- Module construction consist 1-4 elements
- 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)

VIDEO



DEPTH UP TO 10m
MODULAR DESIGN



Free Software for Windows, Android, iOS

Item No	Range	Resolution	Depth	Accuracy (Horizontal)	Functions	Data output	
						USB	Wireless
131050722	18-50	0,001	1000	±0,006	Error comp. Temp.comp Preset. Memory Max/Min Limits	+	max 50 m
131050744	18-50	0,001	2000	±0,009		+	max 50 m
131050745	35-50	0,001	3000	±0,012		+	max 50 m
131160722	50-160	0,001	1000	±0,007		+	max 50 m
131160744	50-160	0,001	2000	±0,009		+	max 50 m
131160755	85-160	0,001	5000	±0,012		+	max 50 m
131160790	115-160	0,001	7000	±0,016		+	max 50 m
131250722	160-250	0,001	1000	±0,009		+	max 50 m
131250744	160-250	0,001	2000	±0,010		+	max 50 m
131250755	160-250	0,001	5000	±0,015		+	max 50 m
131250777	165-250	0,001	7000	±0,017		+	max 50 m
131250790	205-250	0,001	10000	±0,020		+	max 50 m
131450722	250-450	0,001	1000	±0,010		+	max 50 m
131450744	250-450	0,001	2000	±0,015		+	max 50 m
131450755	250-450	0,001	5000	±0,020		+	max 50 m
131450790	250-450	0,001	10000	±0,025		+	max 50 m
131800722	400-800	0,001	1000	±0,014		+	max 50 m
131800744	400-800	0,001	2000	±0,020		+	max 50 m
131800755	400-800	0,001	5000	±0,025		+	max 50 m
131800790	400-800	0,001	10000	±0,030		+	max 50 m
131900722	700-1000	0,001	1000	±0,015		+	max 50 m
131900744	700-1000	0,001	2000	±0,025		+	max 50 m
131900755	700-1000	0,001	5000	±0,030		+	max 50 m
131900790	700-1000	0,001	10000	±0,040		+	max 50 m



OPTIONAL CAMERA
SYSTEM WITH LIGHTING



MICROTECH

since 1995



www.microtech.ua



ISO 17025



ISO 9001:2015