

# SCALE UNIT

- Patent US10184772, UA99687, UA103318, UA104879, UA112254, UA 21314, UA122165, UA126928 by MICROTECH
- Modification with High Level Swiss electronic with big screen. Protection class IP-67
- Digital or Wireless or Computerized **MICS** indication system with 1, 5 or 10 micron resolution
- Modification with **Wireless** data transfer to Windows, Android, iOS applications with distance up to **50 m**
- Modification with self lubrication patented technology (Pat. UA121314 by MICROTECH)
- **FREE** version of software for Windows PC, Android, iOS tablets and smartphones
- Calibration certificate included (ISO17025 (Ilac MRA))



**max 50 m**  
data transfer distance



Free Software for Windows, Android, iOS



**1µm**

**max 50 m**  
data transfer distance



Free Software for Windows, Android, iOS



## ROLL SLIDING SYSTEM

- Light aluminium base
- 2x steel roll for easy sliding

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

µm

TEMPERATURE  
COMPENSATION

µm

ERROR COMPENSATION



## DIGITAL SCALE UNIT

Item No	Range		Resolution		Accuracy	Waterproof	Digit height	Calibration
	mm	inch	mm	inch	µm		mm	
142500145	0-100	0-4"	0,005	0.0002"	±15	IP-54	9	+
142501145	0-150	0-6"			±15	IP-54	9	+
142502145	0-200	0-8"			±15	IP-54	9	+
142503145	0-300	0-12"			±20	IP-54	9	+

## MICRON DIGITAL SCALE UNIT

Item No	Range		Resolution		Accuracy	Waterproof	Digit height	Calibration
	mm	inch	mm	inch	µm		mm	
142500144	0-100	0-4"	0,001	0.00005"	±10	IP-67	12	+
142501144	0-150	0-6"			±10	IP-67	12	+
142502144	0-200	0-8"			±15	IP-67	12	+
142503144	0-300	0-12"			±15	IP-67	12	+

## COMPUTERIZED SCALE UNIT WIRELESS

Item No	Range		Resolution		Accuracy	Material	Indication	Data output	Calibration
	mm	inch	mm	inch	µm			Wireless	
142500140	0-100	0-4"	0,005	0.0002"	±10	St.steel	computerized MICS system with 1,54" touchscreen	max 50 m	+
142500141			0,001	0.00005"	±7	St.steel		max 50 m	+
142501140	0-150	0-6"	0,005	0.0002"	±10	St.steel		max 50 m	+
142501141			0,001	0.00005"	±7	St.steel		max 50 m	+
142502140	0-200	0-8"	0,005	0.0002"	±15	St.steel		max 50 m	+
142502141			0,001	0.00005"	±10	St.steel		max 50 m	+
142503140	0-300	0-12"	0,005	0.0002"	±20	St.steel		max 50 m	+
142503141			0,001	0.00005"	±15	St.steel		max 50 m	+
142505140	0-500	0-20"	0,01	0.0005"	±30	St.steel		max 50 m	+
142505141			0,001	0.00005"	±20	St.steel		max 50 m	+
142510140	0-1000	0-40"	0,01	0.0005"	±40	St.steel		max 50 m	+
142510141			0,001	0.00005"	±30	St.steel		max 50 m	+
142515140	0-1500	0-60"	0,01	0.0005"	±050	St.steel		max 50 m	+
142515141			0,001	0.00005"	±40	St.steel		max 50 m	+
142520140	0-2000	0-80"	0,01	0.0005"	±60	St.steel		max 50 m	+
142520141			0,001	0.00005"	±50	St.steel		max 50 m	+

## WIDE RANGE COMPUTERIZED SCALE WIRELESS

Item No	Range		Resolution		Accuracy	Roll guides	Material	Beam section	Weight	Indication	Data output	Calibration
	mm	inch	mm	inch	µm						Wireless	
142505147	0-550	0-22"	0,01	0.0005"	±20	+	Aluminium	68x25	2,0	computerized MICS system with 1,54" touchscreen	max 50 m	+
142505148			0,001	0.00005"	±15	+	Aluminium	68x25	2,0		max 50 m	+
142510147	0-1150	0-46"	0,01	0.0005"	±30	+	Aluminium	68x25	3,2		max 50 m	+
142510148			0,001	0.00005"	±20	+	Aluminium	68x25	3,2		max 50 m	+
142515147	0-1500	0-60"	0,01	0.0005"	±30	+	Aluminium	68x25	4,8		max 50 m	+
142515148			0,001	0.00005"	±25	+	Aluminium	68x25	4,8		max 50 m	+
142520147	0-2000	0-80"	0,01	0.0005"	±40	+	Aluminium	80x25	10,6		max 50 m	+
142520148			0,001	0.00005"	±30	+	Aluminium	80x25	10,6		max 50 m	+
142525147	0-2500	0-100"	0,01	0.0005"	±40	+	Aluminium	80x25	12,8		max 50 m	+
142525148			0,001	0.00005"	±35	+	Aluminium	80x25	12,8		max 50 m	+
142530147	0-3000	0-120"	0,01	0.0005"	±50	+	Aluminium	80x25	15,0		max 50 m	+
142530148			0,001	0.00005"	±40	+	Aluminium	80x25	15,0		max 50 m	+
142535147	0-3500	0-140"	0,01	0.0005"	±60	+	Aluminium	80x25	17,2		max 50 m	+
142535148			0,001	0.00005"	±45	+	Aluminium	80x25	17,2		max 50 m	+

