

MICRON INTELLIGENT COMPUTERIZED SCALE

- Patent US10184772, UA99687, UA103318, UA104879, UA112254, UA 21314, UA122165, UA126928 by MICROTECH
- Construction with rolls (Aluminium base with roll sliding system)
- 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 70 m
- 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	Material	Beam section	Weight	Functions	Data output	
	mm	mm	mm		mm	kg		USB	Wireless
142501141	0-150	0,001	±0,007	St. steel	14x3.5	0,25	Error & Temp comp.	+	max 50 m
142502141	0-200	0,001	±0,010	St. steel	14x3.5	0,28	Preset. Memory	+	max 50 m
142503141	0-300	0,001	±0,015	St. steel	14x3.5	0,35	Max/Min Limits	+	max 50 m



ROLL SLIDING SYSTEM
 - Light aluminium base
 - 2x steel roll for easy sliding



Item No	Range	Resolution	Accuracy	Roll guides	Material	Beam section	Weight	Functions	Data output	
	mm	mm	mm			mm	kg		USB	Wireless
142505141	0-550	0,001	±0,015	+	Aluminium	68x25	2,0	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m
142510141	0-1150	0,001	±0,020	+	Aluminium	68x25	3,2		+	max 50 m
142515141	0-1500	0,001	±0,025	+	Aluminium	68x25	4,8		+	max 50 m
142520141	0-2000	0,001	±0,030	+	Aluminium	80x25	10,6		+	max 50 m
142525141	0-2500	0,001	±0,035	+	Aluminium	80x25	12,8		+	max 50 m
142530141	0-3000	0,001	±0,040	+	Aluminium	80x25	15,0		+	max 50 m
142535141	0-3500	0,001	±0,045	+	Aluminium	80x25	17,2		+	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

TEMPERATURE

COMPENSATION

ERROR COMPENSATION