

- Industry 4.0 adopted FORCE GAUGE with computerized MICS system with 2,4" color Touchscreen
- Modification with INTERNAL & EXTERNAL force sensors (up to 1000KN)
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

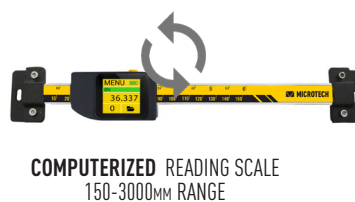
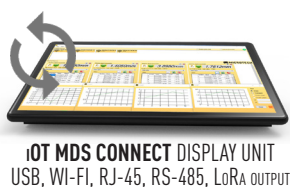


Item No	Range			Resolution	Accuracy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	Display
	N	kg	lbf																
225170017	1-10	0,1-1	0.2-2	0,001	0.3	•	•	•	•	•	•	•	•	•	•	2000	Long range	USB HID /	Touchscreen
225170057	1-50	0,2-5	1-11,5			•	•	•	•	•	•	•	•	•	•				
225170107	2-100	0,5-10	1-22,5			•	•	•	•	•	•	•	•	•	•				
225170507	5-500	1-50	2-112			•	•	•	•	•	•	•	•	•	•				

DOWNLOAD APP



OPTIONAL ACCESSORIES



FORCE COMPUTERIZED GAUGE FOR EXTERNAL SENSOR

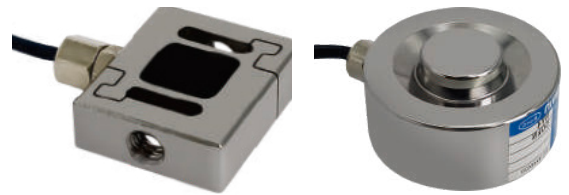
MICROTECH



WIRELESS READING
SCALES CONNECTION



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



OPTIONAL EXTERNAL FORCE SENSORS

Item No	Accu- racy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
225170707	0.3	•	•	•	•	•	•	•	•	•	•	•	•	•

FORCE SENSORS S-TYPE PUSH-PULL

Item No		Type	Force			Linea- rity	Hyste- resis	Repea- tability	Dimen- sion	Thread holes
			N	kg	lbF	%	%	%	mm	
225110001	FSPP	Push Pull	1	0,1	0,23	0,05	0,05	0,05	16x19	2xM3
225171002			5	0,5	1,12					
225110003			10	1	2,25					
225110004			50	5	11,2					
225110005			100	10	22,5					2xM4
225110006			500	50	112					
225110007			1000	100	225					
225110008			5000	500	1120	0,03	0,03	0,03	50x76	2xM12
225110009			10000	1000	2250					
225110010			50000	5000	11200				76x108	
225110011			100000	10000	22500				130x178	



FORCE SENSORS ROUND-TYPE PUSH-PULL

Item No	Type	Force			Linea- rity	Hyste- resis	Repea- tability	Diameter	
		N	kg	lbF				Base	Load
225120001	FOPP	100	10	22,5	0,1	0,1	0,1	41	36
225120002		500	50	112					
225120003		1000	100	225					
225120004		5000	500	1120					
225120005		10000	1000	2250					
225120006		20000	2000	4500					



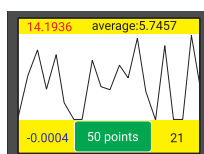
FORCE SENSORS ROUND-TYPE PUSH

Item No	Type	Force			Linea- rity	Hyste- resis	Repea- tability	Diameter	
		N	kg	lbF				Base	Load
225130001	FOP	1000	100	225	0,2	0,1	0,1	50	13
225130002		5000	500	1120					
225130003		10000	1000	2250					
225130004		50000	5000	11200					16
225130005		100000	10000	22500					21



MADE IN UKRAINE

- **Industry 4.0** adopted Manual FORCE tester with computerized MICS system with 2,4" color Touchscreen
- **Computerized FORCE tester included**
- Optional **READING SCALE**
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))



**ON-LINE
GRAPHIC MODE**



Item No	Load		Reso- lution	Range	Scale	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	IISR		
	N	lbF																		N	mm
278170056	500	112	0,001	180	option	25	•	•	•	•	•	•	•	•	•	•	•	•	•		
278170106	1000	225					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
278170107					•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MOTORIZED FORCE TESTER

- **Industry 4.0** adopted Motorized FORCE tester with computerized MICS system with 2,4" color Touchscreen
- **Computerized FORCE tester included**
- Optional **READING SCALE**
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))



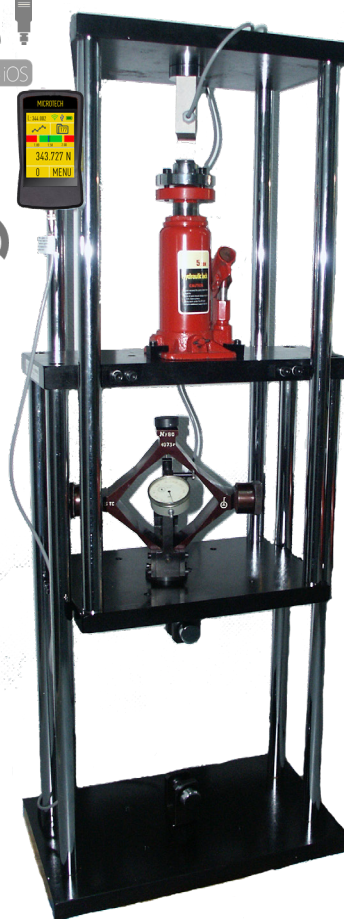
Item No	Load		Resolution	Range	Scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	N	lbF																
278170058	500	112	0,001	200	option	•	•	•	•	•	•	•	•	•	•	•	•	•
278170108	1000	225		700		•	•	•	•	•	•	•	•	•	•	•	•	•

- Industry 4.0 adopted Manual Hydraulic FORCE tester with computerized MICS system with 2,4" color Touchscreen
- **Computerized FORCE tester included**
- Optional READING SCALE
- Measuring range up to 100000N
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



WIRELESS READING
SCALES CONNECTION



CUSTOM RANGE FOR REQUEST

Item No	Load		Resolution	Range	Scale	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	
	N	lbF				N														mm
235152007	5000	1125	1	120	option	80	•	•	•	•	•	•	•	•	•	•	•	•	•	
235152017	10000	2250				105	•	•	•	•	•	•	•	•	•	•	•	•	•	•
235152057	50000	11250		140		195	•	•	•	•	•	•	•	•	•	•	•	•	•	•
235152107	100000	22500				280	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES



ACCESSORIES FOR DATA TRANSFER



IOT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT



COMPUTERIZED READING SCALE
150-3000MM RANGE