0,1μm

TABLET MULTIFUNCTIONAL **MICS**
2.4'' TOUCHSCREEN DISPLAY

WIRELESS TO MDS APP
FREE VERSIONS
Windows · android
iOS

WIRELESS HID
USB HID

DIRECT TO ANY APP & OS
android · Windows
iOS

WIRELESS HUB
CONNECTION

INDICATOR FOR
2D / PROBE/ANGLE

MICROTECH
MODBUS

Modbus RTU
OPTIONAL MODBUS ASCII, MODBUS TCP/IP

DataMet FUNCTIONS

ANALOG SCALE

COLOR GO / NOGO

COLOR MAX / MIN / RANGE

TIMER
0.000 sec
RESET

TOUCH PROBE SETTINGS
Setting
reply 1 · Auto
PRECISION · Sensor 1
D = 1.000000

FORMULA Ax^2+Bx+C
Formula
Ax^2+Bx+C
Set Argv

GRAPHIC MODE 1D/2D

MEMORY 2000 values
Stat All Mode
1: 12.009
2: 36.646
3: 29.090
4: 23.070
5: 56.624

FOLDERS mode
Stat All Mode
Page 1/1

MEMORY STATISTICS
Statistics
MAX: 59.9510
MIN: 6.0090
AVG: 21.1826
D: 204.9000

TEMPERATURE COMPENSATION
Temp.com.
Glass,Qartz,Mo
20.00 c° RES

PASSWORD
Menu OFF
Memory OFF
PIN: 0

Display
Angle 270
Sleep OFF · Touch OFF

Resolution
X.000
mm
Normal

MDS MODE
Ultra Power · CLEAR

HID MODE
AD:FE TA
M:A:C t
Arr dow
Eco Power · CLEAR

0 P 0.334
0 75.573
MENU

MICROTECH MICRON CALIPER
FW: 4.5.3 Op time: 0h
Calibration 1.1.2025
MAC: F7:5B:B8:C0:95:88
MANUAL

DataMet BENCH MICROMETER

- **Industry 4.0** adopted sub-micron Tablet micrometer with computerized MICS system with 2.4" color Touchscreen
- Bench configuration for laboratory using
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **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**
- Modification **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

DataMet BENCH MICROMETER

Item No	Range				Resol.	Accur.	Non-rotating	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	Stand		Micrometer head																			
	mm	inch	mm	inch	mm	µm																
110180278	0-25	0-1"	0-25	0-1"	0,0001	±1.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110180288						±1.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110180578	0-50	0-2"	0-50	0-2"		±1.5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110180588					0,0005	±2,0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MODBUS DataMet BENCH MICROMETER

Item No	Range				Resol.	Accur.	Non-rotating	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	Stand		Micrometer head																						
	mm	inch	mm	inch	mm	µm																			
110180278M	0-25	0-1"	0-25	0-1"	0,0001	±1.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option
110180288M						±1.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
110180578M	0-50	0-2"	0-50	0-2"		±1.5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
110180588M					0,0005	±2,0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		

DataMet interface

CONNECTION possibilities

MODBUS protocol

VIDEO

DOWNLOAD MDS app WINDOWS
Windows

DOWNLOAD MDS app iOS, MacOS
macOS iOS

DOWNLOAD MDS app ANDROID
android

DELIVERY SET

FREE VERSIONS OF MDS APP

ilac-MRA
CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE
STANDARD MDS app

STANDS