MICROTECH

DataMet SHORE DUROMETER

WIRELESS HID
USB HID

DIRECT TO ANY APP & OS
Android Windows
iOS

WIRELESS HUB
CONNECTION

INDICATOR FOR
2D / PROBE/ANGLE

WIRELESS TO MDS APP
FREE VERSIONS
Windows Android
iOS

MICROTECH
MODBUS
5-24V

OPTIONAL MODBUS ASCII, MODBUS TCP/IP

Modbus RTU

TABLET MULTIFUNCTIONAL **MICS**
2.4″ TOUCHSCREEN DISPLAY

INTERCHANGEABLE INDENTERS

DataMet FUNCTIONS

ANALOG SCALE	**COLOR GO / NOGO**	**COLOR MAX / MIN / RANGE**	**TIMER**	**TOUCH PROBE SETTINGS**	**FORMULA Ax^2+Bx+C**
GRAPHIC MODE 1D/2D	**MEMORY 2000 values**	**FOLDERS mode**	**MEMORY STATISTICS**	**TEMPERATURE COMPENSATION**	**PASSWORD**
DISPLAY & ENERGY	**RESOLUTION, mm/inch**	**WIRELESS to MDS app**	**WIRELESS & USB HID**	**HUB mode (2D, Probe)**	**DEVICE INFO, UPDATE**

ANALOG SCALE: 2.1113 — 1.00 1.50 2.00 — 1.4705 — 0 MENU 177

COLOR GO / NOGO: L:0.000 MENU — 0.000 0.000 0.000 — 4 029mm — 0 0 7N

COLOR MAX / MIN / RANGE: L:0.000 MENU — 0.000 0.000 0.000 — 4 029mm — 0 0 7N

TIMER: 0.000 sec — RESET

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

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

GRAPHIC MODE 1D/2D: 14.1936 average:5.7457 — -0.0004 50 points 21

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 — 5 5 5 2

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 & ENERGY: Display — Angle 270 — Sleep OFF — Touch OFF

RESOLUTION: Resolution — X.000 — mm — Normal

WIRELESS to MDS app: MDS MODE — Ultra Power — CLEAR

WIRELESS & USB HID: HID MODE — AD:FE TA — M:A:C t — Arr dow — Eco Power — CLEAR

HUB mode: 0 P 0.334 — 0 75.573 — MENU 177

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

Ukrainian Creativity- German Reliability since 1995 ilac-MRA IEC/ISO 17025 Ilac BUREAU VERITAS Certification ISO9001:2015

DataMet SHORE DUROMETER

- **DataMet** SHORE durometer for different scales (A, C, D, F, 00)
- **Modification** with Interchangeable indentors
- **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**
- Modification **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))

DataMet SHORE DUROMETER

Item No	Shore Scale	Range (unit)	Resol (unit)	Indenting foot	Force (N)	Measuring	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory (Folders / 2000 val)	WIRELESS (Long range / HID)	USB (USB HID / Update)
21100101	A			35° truncated cone Flat D=0,79mm	8,05	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
21100102	C			Ball D=5mm	8,05	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
21100103	D	0-100	0,01	30° cone Radius R=0,1mm	44,45	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
21100104	00			spherical D=2.38mm	1,11	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
21100105	F			spherical D=25.4mm	0,55-4.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MODBUS DataMet SHORE DUROMETER

Item No	Shore Scale	Range (unit)	Resol (unit)	Indenting foot	Force (N)	Measuring HUB	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory (Folders / 2000 val)	WIRELESS (Long range / HID)	USB (USB HID / Update)	MODBUS RTU	MODBUS ASCII	MODBUS TCP/
21100101M	A			35° truncated cone Flat D=0,79mm	8,05	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option
21100102M	C			Ball D=5mm	8,05	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option
21100103M	D	0-100	0,01	30° cone Radius R=0,1mm	44,45	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option
21100104M	00			spherical D=2.38mm	1,111	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option
21100105M	F			spherical D=25.4mm	0,55-4.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option

MULTISCALE DataMet SHORE DUROMETER SET

Item No	Shore Scale	Indenters (pcs)	Measuring HUB	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory (Folders / 2000 val)	WIRELESS (Long range / HID)	USB (USB HID / Update)
21100110	A,C	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
21100111	A,D	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
21100120	A,C,D	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
21100100	A,C,D,00	4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
21100130	A,C,D,00, F	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

DataMet interface

VIDEO

DOWNLOAD MDS app WINDOWS — Windows

DOWNLOAD MDS app iOS, MacOS — macOS iOS

CONNECTION possibilities

MODBUS protocol

DOWNLOAD MDS app ANDROID — android

DELIVERY SET

- **FREE** VERSIONS OF MDS APP
- USB DATA/CHARGING CABLE
- ilac-MRA CALIBRATION PROTOCOL

OPTIONAL

- **DATAMET** BUTTON
- **DATAMET** FOOTSWITCH
- MDS DISPLAY UNIT
- MDS SOFTWARE + MICROTECH STANDARD MDS app