

NewSonic

Mobile Hardness Testing

SonoDur3 succeeds SonoDur2



SonoDur3 more Information at a glance!



Complete setting of machine

Locking Key for save carrying of device

Xcross and single readings may be interchanged

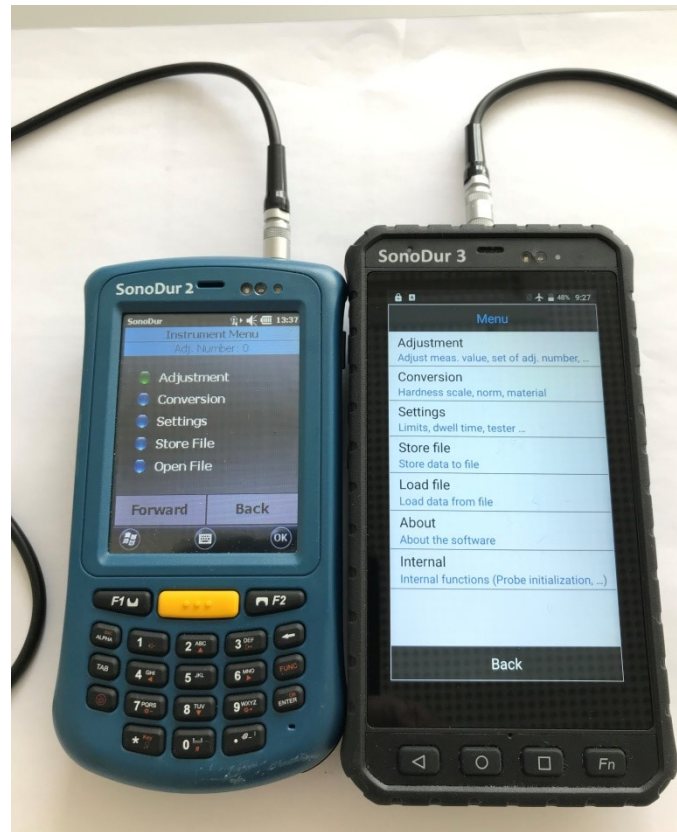
Statistics live in front view

Documentation of Results – WLAN, Bluetooth, USB (unlimited).

SonoDur3 more Information at a glance!

IP54

Resistivity touch
Total front
fragmented by
hard keypad –
sometimes
problematic to
clean



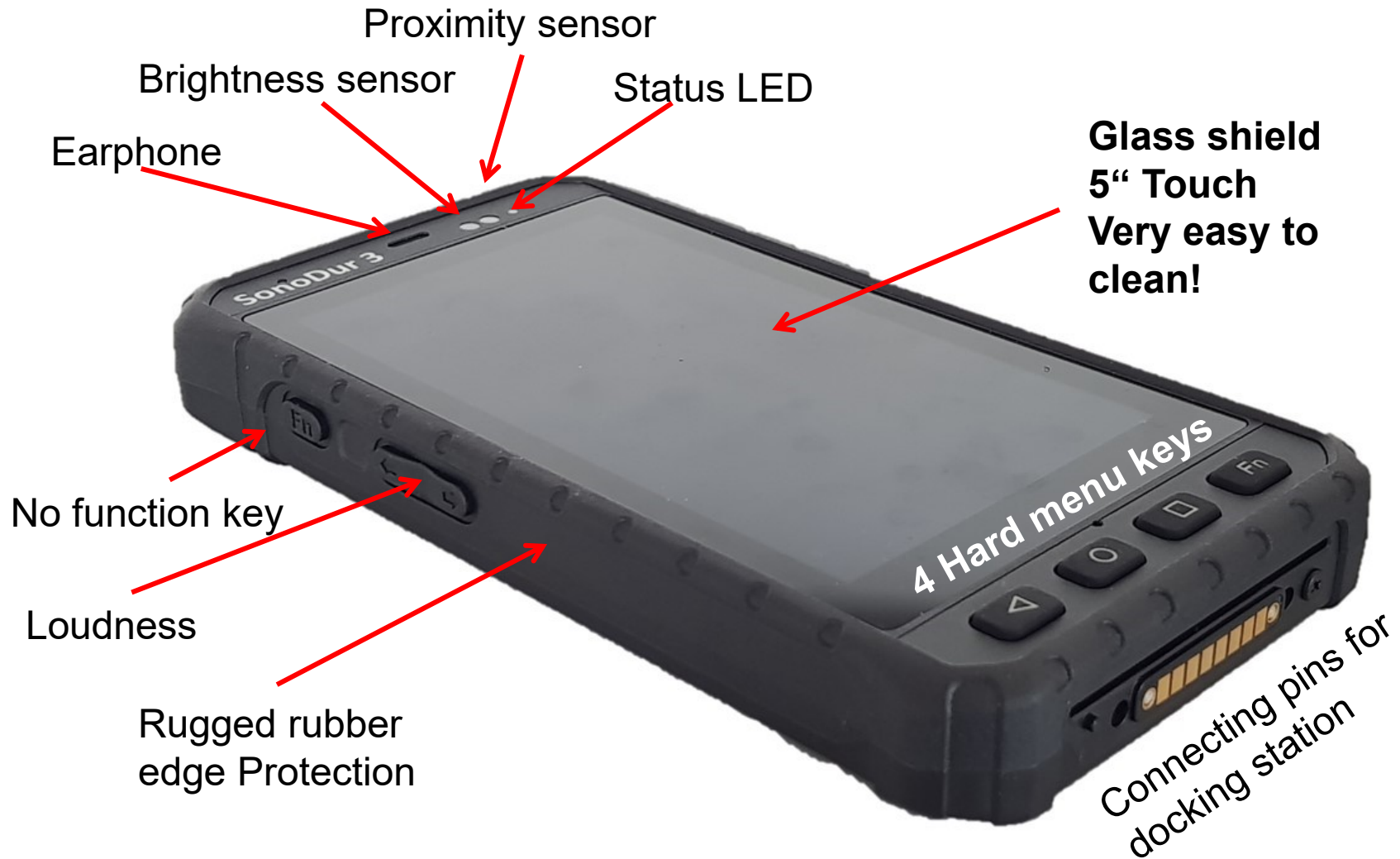
IP65

Capacitive
touch
Easy to
clean one
smooth
surface

Setting menu shows your possibilities better

“Forward” key has been eliminated with SonoDur3 – faster access to functions

SonoDur3 the better choice! IP65, Front



SonoDur3 the better choice! IP65, Rear

**Camera
Access via “White
List” only – password
protected**

Battery
compartment
easy to open

Connection for
Hand strap
Same as
SonoDur2

Probe
Connector
Same as
SonoDur2

Power Switch

Interface compartment
USB (same as
SonoDur2)
Separate Power plug



SonoDur3 the better choice!
Instrument case with optimized insets for different probes
Safe compartment case special protected



SonoDur3 major assets over SonoDur2

System (Instrument and Probe)	SonoDur3
Improvements	<ul style="list-style-type: none">• Big Glass shield easy to clean• Brilliant screen• Capacitive Touch no stylus needed• Android instead of WIN6.5 (not supported by Windows anymore)• Protection class is IP65 instead of IP54• Presentation of measurements in graphics• Easy access to false readings just by touching the max or min respectively• Automatic correction of false readings is in preparation• Use the machine like a smart phone

Some Technical Data

System (Instrument)		
	SonoDur2	SonoDur3
Operating time	> 8 h use (depending on instrument performance, temperature and instrument -settings), up to 6 h continuous use, fast exchangeable battery pack	10h,
Charging Time	Ca. 1,5h	Ca. 3 h

System (Instrument)		
	SonoDur2	SonoDur3
Dimensions Instrument	Ca. 132 mm x 78 mm x 22 mm (LxBXH)	164x86x23 mm
Weight Instrument	Ca. 280 gr	ca. 320 gr (incl. battery pack)

Some Technical Data

Instrument		
	SonoDur2	SonoDur3
Power	Main battery: 3,7 V / 2600 mAh, LiPo Battery pack Charging time: <2h up to 80 % capacity (instrument switched off) AC mains/charger: 90 VAC - 264 VAC 50/60 Hz to 5 VDC	Main battery: 3,7V / 3900mAh, LiPo hard pack, quick exchange Charging time: <3h to 80% capacity (Instrument off) Shelf Hours: Up to 6 months AC Power supply/charger: 90V to 264VAC 50/60Hz to 5VDC
Screen	3.5" transfective TFT (320 x 240) with 4 W-resistive Touch-Screen, can be used in sunlight, brightness with LED-backlight (440 Cd/m2 max.) adjustable	5" sunlight readable multi touch display (1280x720 pixel), LED-backlight (500 Cd/m2), adjustable
Interfaces	USB1.1 (Host and Device), Micro-SD- Card, WLAN, Bluetooth Version 2.1 +EDR, CLASS2	Jack for 5VDC operating/ charging Docking connector (charging) USB 2.0 Micro USB (PC) / probe connector Lemo 4 pos. Micro SD-card 4 GB (up to 32 GB) 2x SIM card WLAN 802.11 a/b/g/n WCDMA/HSDPA/HSPUA, FDD-LTE / TDD-LTE GSM/GPRS/EDGE (b2/b3/b5/b8 GPS / AGPS / GLONASS Bluetooth 4.0 (supports BLE mode) NFC Speaker, microphone
Sensors, camera	No camera	Light sensor, G-sensor, proximity sensor, rear camera 8 mega-pixel, multicolor status LED
Protection class device	IP54	IP65 (watertight and dustproof)
Shock proof device	MIL-STD-810G (shock, drop, vibration)	MIL-STD-810G (shock, drop, vibration)

Some Technical Data

Instrument		
	SonoDur	SonoDur3
Storage capacity	TI Cortex A8 / 256 MB SDRAM / 512 MB Flash / micro SD Card up to 32 GB Example: 20 000 Measurements = 0,08 MByte	ARM® Cortex™-A53 Octa Core 1.3 GHz / System 2GB RAM / storage memory 16 GB eMMC / Micro SD card 4 GB (up to 32 GB)
Operating system	Windows mobile 6.5 in English	Android 5.1 (Android 7.0)
Instrument language, selectable	D, EN, IT, FR, SP, PL, CZ, CN - more on request - Installation when needed	D, EN, IT, FR, SP, PL, CZ, CN - more on request - Menu selection