

MODEL HMC 2.0

Handheld wireless user interface



Wireless handheld interface that is connected to the machine by a Bluetooth link. This interface can be used on both the ST and SL series of

testers. It features an Android-based operating platform and can be used to control the machine by itself or in conjunction with Tinius Olsen's Horizon software.



Features and benefits

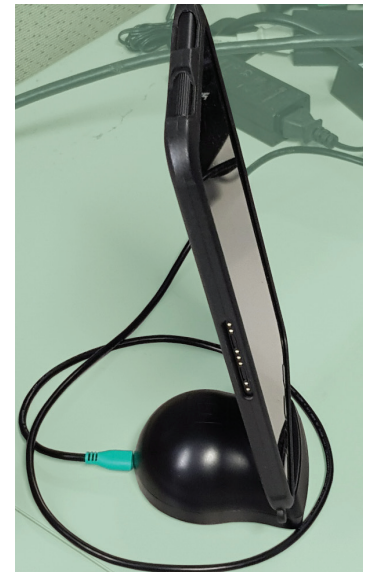
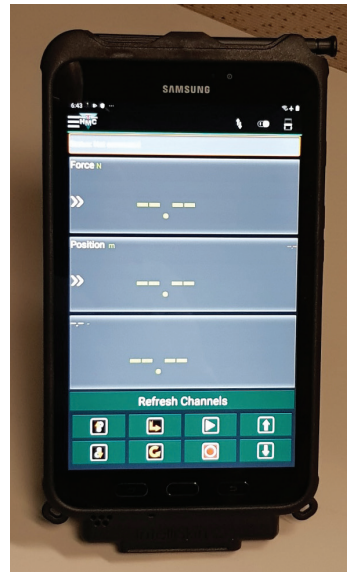
- Bluetooth-enabled handheld interface allows maximum flexibility when paired to a testing machine.
- Typical battery life is approximately 11 hours of continuous use.
- Three-channel display of test machine channels.
- Selectable multi-unit display of channel values.
- Safe operating radius of a maximum 10m. If range is exceeded for testing, the machine will operate in 'safe' mode.
- Controls machine movement during test set-up and initiates a test directly from the application.
- Instantaneous display of machine status and channel values.
- Test procedure involving up to five steps can be set up and run directly on the HMC 2.0 interface. These steps include move, hold and cycle routines.
- WiFi enabled to be part of a local network.
- Test results can be sent directly to a Wi-Fi enabled printer or connected to a PC via USB-A/USB-C connection.
- 8MP AF back and 5MP front camera are built into the interface and can be used to take pictures of specimens, tests and configurations as witness to each test.
- Interface has Full HD 1080p video at 30fps capability to record test procedure.
- Stylus is included

Specifications



MODEL HMC 2.0 HANDHELD USER INTERFACE		
Required or option	Option	
Compatible with TO	ST and SL series frames and most other TO frames	
Colour	Yes	
Operating System	Android 7.1	
CPU	Samsung Exynos 7870	
Processor	1.6GHz, Octa-core	
Memory (RAM, Speed)	3GB	
Memory (Internal/External)	16GB 9/MicroSD (upto 256GB)10	
MicroSD (capacity)	SD not included	
Display/Display type	Screen size 8.0"/TFT	
Display resolution	WXGA (1280 x 800)	
Brightness	480 nits	
Camera (Back/Front)	8.0MP Auto focus with LED flash/5.0MP	
Video recording resolution	FHD (1920 x 1080) @ 360fps	
Video playing resolution	FHD (1920 x 1080) @ 360fps	
USB port	USB 2.0 Type-C	
Connector	Pogo pin (charging and USB signal for keyboard)	
Stylus	Integrated S pen (water and dust resistant, IP68 rated)	
Wi-Fi	802.11 a/b/g/n/ac	
Wi-Fi Direct (Wi-Di)	Yes	
Wireless mirroring	Yes (Smart view)	
Channel Bonding (2.4GHz + 5.0GHz)	Yes	
Antenna	Integrated	
Bluetooth/Bluetooth profiles	v4.2/A2DP, AVRCP, HFP, HID, HOGP, HSP, MAP, OPP, PAN	
Wired LAN/Wireless LAN	Yes/Yes	
NFC/GPS	Yes/Yes with GLONASS	
AC Adaptor (VAC/Hz, VDC/A)	120V/60Hz	
Battery Capacity	4,450mAh, user-replaceable battery	
Battery Type	Li-Polymer	
Battery life	Up to 11 hrs	
Charging time	160 minutes	
Video Codec	MP4, M4V, 3GP, 3G2, WAV, ASF, AVI, FLV, MKV, WEBM	
Sensors	Face recognition, accelerometer, fingerprint, gyro, geomagnetic, hall, RGB light, proximity	
Ruggedness	IP68 (water and dust resistant), Anti-shock (drop from 1.2m height with cover)	
Certifications	MIL-STD-810G, EPEAT, Energy start, TCO, RoHS	
Dimensions	mm	127.6 x 214.7 x 9.9
	in	5.0 x 8.5 x 0.4
Weight	gm	415
	lbs	0.91

HMC 2.0 on desk stand



HMC 2.0 mounted on machine



The locking dock feature (above) allows you to secure the dock to the frame, preventing accidental contact and removal of the HMC 2.0 when mounted.

Mounted in the dock is the recommended position for the HMC 2.0.