

Model HMC 3.0

Hand held 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.

- Bluetooth-enabled handheld interface allows maximum flexibility when paired to a testing machine.
- 10.1" Display with 1920 X 1200 Resolution
- Typical battery life is approximately 20+ 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.
- If running without the Horizon software, testing procedure can be set up using up to five simple steps. These steps include move, hold and cycle routines.
- Test results can be sent directly to a Wi-Fi enabled printer or connected to a PC via USB-A/USB-C connection.
- 13MP AF back and 8MP front camera 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

Required or option	Option	
Compatible with TO ST and SL series frames and most other VMC controlled machines		
Colour	Yes	
Operating System	Android 12	
CPU	Qualcomm SM7325	
Processor	2.4Ghz/1.8Ghz, Octa-core	
Memory (RAM, Speed)	4GB	
Memory (Internal/External)	64GB 9/MicroSD (upto 1TB)	
MicroSD (capacity)	SD not included	
Display/Display type	Screen size 10.1"/TFT	
Display resolution	WXGA (1920 x 1200)	
Brightness	550 nits	
Camera (Back/Front)	13.0MP Auto focus with LED flash/8.0MP	
Video recording resolution	FHD (1920 x 1200) @ 360fps	
Video playing resolution	FHD (1920 x 1200) @ 360fps	
USB port	Type C USB 3.2/ Fast Charging	
Connector	7 pin (charging and USB signal for keyboard)	
Stylus	Integrated S pen (water and dust resistant, IP68 rated)	
Wi-Fi	Wi-Fi 6 Supported	
Wi-Fi Direct (Wi-DI)	Yes	
Wireless mirroring	Yes (Smart view)	
Channel Bonding (2.4GHz + 5.0GHz)	Yes	
Antenna	Integrated	
Bluetooth/Bluetooth profiles	BT v5.2 BLE	
Wired LAN/Wireless LAN	Wi-Fi 802.11 a/b/g/n/ac/6, dual-band, Wi-Fi Direct	
AC Adaptor (VAC/Hz, VDC/A)	120V/60Hz	
Battery Capacity	7,600 mAh, user-replaceable battery	
Battery Type	Li-Polymer	
Battery life	Up to 20+ hrs	
Charging time	160 minutes	
Video Codec	MP4, M4V, 3GP, 3G2, WAV, ASF, AVI, FLV, MKV, WEBM	
Sensors	Fingerprint (front-mounted), accelerometer, gyro, proximity, compass, Samsung DeX	
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 of tablet with case	mm	285.75 x 190.5 x 31.75
	in	11.25 x 7.5 x 1.25
Dimensions of tablet with case and mount	mm	317.5 x 190.5 x 101.6
	in	12.5 x 7.5 x 4
Dimensions of tablet with case and mount and ST arm	mm	317.5 x 190.5 x 222.25
	in	12.5 x 7.5 x 8.75
Dimensions of tablet with case and mount and SL arm	mm	317.5 x 190.5 x 527.05
	in	12.5 x 7.5 x 20.75
Weight of tablet	gm	674
	lbs	1.48
Weight of tablet with case	gm	1032
	lbs	2.27



The HMC 3.0 mounted with a 300SL.



The locking dock feature (above) allows you to secure the dock to the frame, preventing accidental contact and removal of the HMC 3.0 when mounted.

Mounted in the dock is the recommended position for the HMC 3.0.