

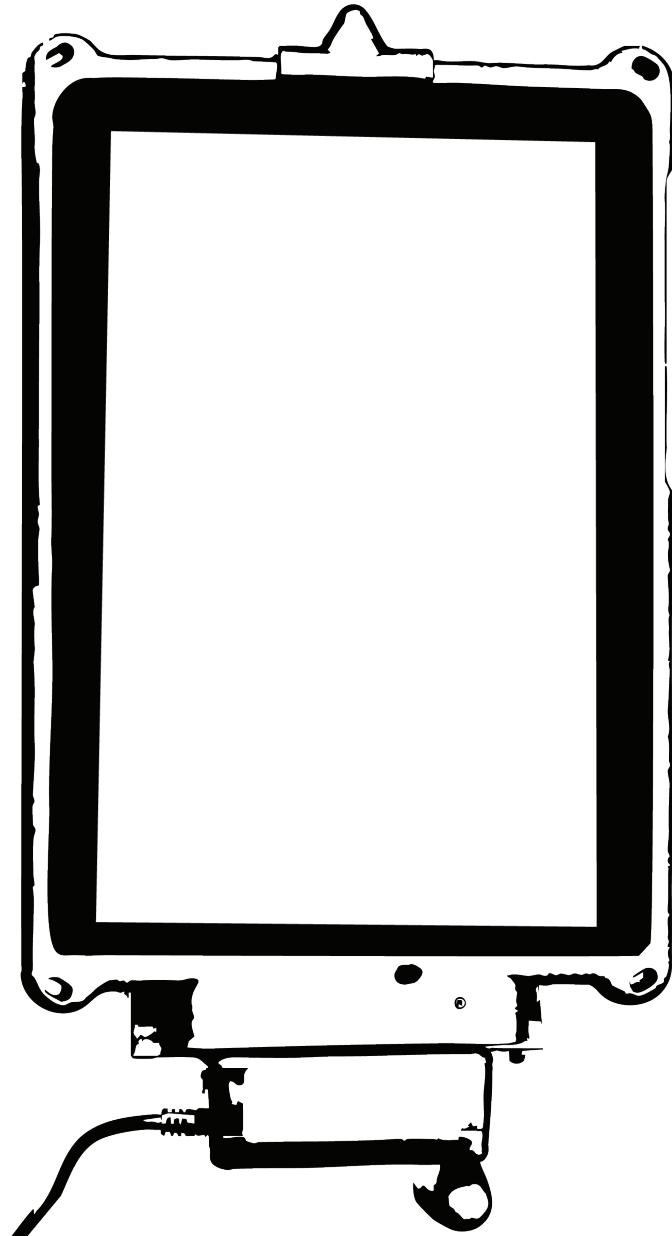
Handheld wireless user interface for UTM

Compatible with

Tinius Olsen ST and SL series of materials testing systems

Type

Touch screen type



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.

Key features

- + Bluetooth-enabled handheld interface allows maximum flexibility when paired to a testing system
- + 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

TO order numbers

99-991-9000/03

HMC 3.0 Wireless Handheld Sys. w/Locking dock and arm assembly; Fit ST Series

03070501

HMC 3.0 Wireless Handheld Sys. w/ Bracket Assembly; Fit SL Series

Specifications

Required or optional	Optional
Compatible with	TO ST and SL series systems and most other VMC controlled systems
Color	Yes
Operating System	Android 12
CPU	Qualcomm SM7325

Specifications

Processor	2.5GHz/1.8GHz, Octa-core
Memory (RAM)	4GB
Memory (internal/external)	64GB (MicroSD - upto 1TB)
MicroSD	not included

Specifications

Display	Size	10.1" / 257mm
	Type	TFT
	Resolution	WXGA (1920 x 1200)
	Brightness	550 nits
Camera (Back/ Front)	13.0MP Auto focus with LED flash/ 8.0MP	
Video 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 / BT 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
	Type	Li-Polymer
	Life	Up to 20+ hours
	Charging time	160 minutes

Specifications

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 (LxWxD)	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 (LxWxD)	mm	317.5 x 190.5 x 101.6
	in	12.5 x 7.5 x 4
Dimensions of tablet with case, mount and ST arm (LxWxD)	mm	317.5 x 190.5 x 222.25
	in	12.5 x 7.5 x 8.75
Dimensions of tablet with case, mount and SL arm (LxWxD)	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