

MODEL HMC HANDHELD WIRELESS USER INTERFACE



Wireless handheld interface which is connected to the machine by a Bluetooth link. This interface can be used on both the ST and SL series of testers, and 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.
- Battery operated with hot-swappable batteries. Typical battery life is approximately 10 hours of continuous use.
- Three channel display of test machine channels.
- Selectable multi unit display of channel values
- Safe operating radius of a maximum of 10m. If range is exceeded to test machine will operate in 'safe' mode.
- Controls machine movement during test setup and initiates a test directly from the built-in control pad.
- Instantaneous display of machine status and channel values.
- Test procedure involving up to steps can be setup and run directly on the HMC interface. These steps include move, hold and cycle routines.
- Interface has a military vibration rating and will resist shock if dropped.
- Interface is WiFi enabled and can be part of local network.
- Test results can be printed on a Bluetooth paired printer, or to a network printer, or to a memory device via an included micro USB connection
- 8MP camera is built into the interface and can be used to take pictures of specimens, test configuration as witness to each test.
- Interface is bar code reader enabled
- Interface has 1080p video at 30 fps capability to record test procedure.
- Stylus is included with the interface.

SPECIFICATIONS



Model HMC Handheld User Interface		
Required or option	Option	
Compatible with TO	ST & SL series frames	
Touch screen	Multi touch capacitive, rain resistant & inductive stylus	
Colour	Yes	
Dedicated hard keys	Cross head positioning	
Technology platform	Android v4.1.1 (Jelly Bean)	
Language	Supports global language character sets	
Display	141 mm diagonal super AMOLED 720 * 1280 pixels	
Contrast ratio	402 nominal, 2,307:1 sunlight	
IP rating	Sealed to IP67 (submersible)	
Shock vibration rating	MIL-STD 810G Method 516.6 & Method 514.6	
Size (L*W*D)	mm	232 x 99 x 29
	in	9.1 x 3.9 x 1.14
Weight	g	442
	oz	15.6
Sound	Vibration, MP3, WAV files, Loud speaker voice; 70db/Noise 66db/Alerts 80db	
Graphics	Mali-400MP	
Sensors	Accelerometer, gyro, proximity, compass, barometer	
WLAN	WIFI 802.11 a/b/g/n, dual band, DLNA, WIFI direct, WIFI hotspot	
Bluetooth	v4.0 with A2DP, LE, EDR	
USB	microUSB v2.0 (MHL), USB Host	
Camera	Primary 8MP, 3264 * 2448 pixels, autofocus, LED flash, Simultaneous video and image recording, geo tagging, touch focus, work piece/target detection, image stabilisation	
Video	1080p @ 30fps	
GPS	A-GPS support + GLONASS	
Battery 1	Internal, Li-ion 3100 mAh	
Battery 2	Hot swappable, 2500 mAh Li-ion	
Mag Strip reader	3 channel, Bi directional card reader - Security: DES, Triple DES, AES encryption - Management: DUKPT key manager	
Cradle mount to frame	Mounted on adjustable articulated support arm compatible with ST product T-slot mounting points and SL console mounting	
Battery 1	Internal, Li-ion 3100 mAh	
Battery 2	Hot swappable, 2500 mAh Li-ion	
Operating temperature	10 to 40 degree C	
Operating humidity	10% to 90% non condensing	
Storage temperature	5 to 45 degree C	
Storage humidity	10% to 70% non condensing	

