MODEL PROTERM
Handheld Tethered
User Interface

Tinius Olsen

Familiar handheld controller that is tethered to the machine by an articulated arm. With its larger, tactile, sealed keypad, this controller is ideal for operators who use gloves to load and unload specimens and prefer a push button keypad. The controller can be used for basic operation of the tester and can initiate a test, but must be used with Horizon software.

Two models of this tethered controller are available: one designed for the operation with our ST Series testers, and one designed for operation with our SL Series testers.

Features and benefits

- SL model has five more buttons than the ST model. These are used for opening and closing of hydraulic actuated lever pocket wedge grips, and for moving the motorized crosshead on hydraulic machines.

- Interface is surrounded by silicone rubber guard to prevent damage.

- Keys made from robust elastomeric epoxy and safe in all kinds of environments.

- Keypad surface provides superior splash resistance that reduces curling and peeling, making it ideal for all kinds of operating environments.

Specifications

SL SERIES HANDHELD USER INTERFACE

Required or option	Option in support of testing machine crosshead positioning, specimen insertion and monitoring of machine status. Cannot be used to perform materials testing
Compatible with TO	SL Series frames
Tactile push button type	Black elastomeric keys with epoxy caps The keypad surface provides excellent splash resistance with no curling or peeling of the keypad overlay
Dedicated hard keys	18 keys
Technology platform	Embedded processor-based
Language	Supports global language character sets
Screen	Monochrome supertwist LCD Five lines (three live sources, two status lines)
Screen size	192 x 128 pixels
IP rating	Sealed to IP51 (drip proof)
Size (L x W x D) mm	209 x 104.1 x 29.2
Size (L x W x D) in	8.25 x 4.10 x 1.15
Weight g	340
Weight oz	12
Sound	Button beeps
Graphics	ASCII character set, dark characters on light background with blinking and inverse video attributes
Cable connection	Six-pin modular interface connector capable of communication up to 57,600bps
Cradle mount to frame	Mounted on adjustable, articulated arm fixed on console
Cable length mm	600
Cable length in	23.6
Surround	Case is moulded from Cycolac ABS® with a silicon rubber surround
Power requirement	Via RS232 cable
Operating temperature	10-40°C
Operating humidity	10-90% non-condensing
Storage temperature	5-35°C
Storage humidity	10-70% non-condensing

ST SERIES HANDHELD USER INTERFACE

Required or option	Option in support of testing machine crosshead positioning, specimen insertion and monitoring of machine status. Cannot be used to perform materials testing
Compatible with TO	ST Series frames
Tactile push button type	Black elastomeric keys with epoxy caps The keypad surface provides excellent splash resistance with no curling or peeling of the keypad overlay
Dedicated hard keys	13 keys
Technology platform	Embedded processor-based
Language	Supports global language character sets
Screen	Monochrome supertwist LCD Five lines (three live sources, two status lines)
Screen size	192 x 128 pixels
IP rating	Sealed to IP51 (drip proof)
Size (L x W x D) mm	209 x 104.1 x 29.2
Size (L x W x D) in	8.25 x 4.10 x 1.15
Weight g	340
Weight oz	12
Sound	Button beeps
Graphics	ASCII character set, dark characters on light background with blinking and inverse video attributes
Cable connection	Six-pin modular interface connector capable of communication up to 57,600bps
Cradle mount to frame	Mounted on adjustable, articulated arm which in turn is connected to T slot mounting point on test frame
Cable length mm	600
Cable length in	23.6
Surround	Case is moulded from Cycolac ABS® with a silicon rubber surround
Power requirement	Via RS232 cable
Operating temperature	10-40°C
Operating humidity	10-90% non-condensing
Storage temperature	5-35°C
Storage humidity	10-70% non-condensing