

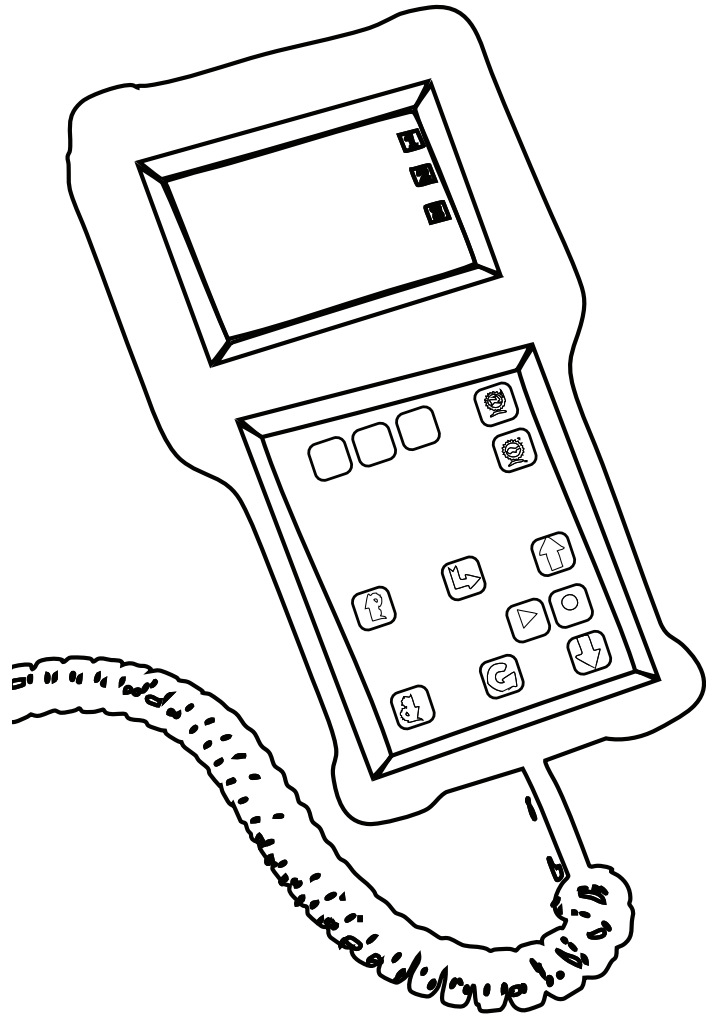
Tethered system interface for UTM

Compatible with

Tinius Olsen ST and SL series of materials testing systems

Type

Push button type



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

Proterm

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 systems.

TO order numbers

03070246	Handheld Terminal for Mech. Sys. w/ Display, Keypad, Interface, Black Case; 1114 [for ST series]
Standard	For SL series, the proterm is supplied as a standard item; No separate item number.

Specifications

	SL series proterm	ST series proterm
Required or option	Option in support of testing frame crosshead positioning, specimen insertion and monitoring of frame status. Cannot be used to perform materials testing.	
Compatible with	TO SL series systems	TO ST series systems
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	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 resolution	192 x 128 pixels	
IP rating	Sealed to IP51 (drip proof)	
Size (LxWxD)	mm	209 x 104.1 x 29.2
	in	8.25 x 4.10 x 1.15
Weight	gm	340
	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 mounting to frame	Mounted on adjustable, articulated arm which in turn is connected to T slot mounting point on test frame	

Specifications

Cable length	mm	600
	in	23.6
Surround	Case is moulded from Cicolac ABS® with a silicon rubber surround	
Power requirement	Via RS232 cable	
Operating temperature	10° to 40°C / 50° to 104°F	
Operating humidity	10 to 90% non-condensing	
Storage temperature	5° to 35°C / 41° to 95°F	
Storage humidity	10 to 70% non-condensing	