



## **AD-5010-Tinel-Bench-230V**

*Tinel-Lock installation tool  
Tinel-Lock screened termination products*

### **Applications**

The AD-5010-TINEL-BENCH-230V is a manually operated resistance heating tool designed specifically to install Raychem Tinel-Lock ring screened terminations in large batches, in continuous operation. The tool accommodates Tinel Rings from size TRO4 to TR24 inclusive. Various electrode (jaws) types can be used to install other Tinel-Lock ring sizes and types.

The operator uses the tool to install the Tinel-Lock ring in its correct position on screened terminations. The Tinel-Lock ring has two patches of thermochromic paint to ensure consistent installation.

The operator positions the Tinel-Lock ring on the termination, with at least one of the patches of thermochromic paint visible, and operates the push-button (or footswitch if fitted).

The Tinel-Lock ring is then located in spring - loaded jaws (it is not necessary to clamp the ring manually). The push button or footswitch (if fitted) is then operated to start the cycle, the cable is held in position for the duration of the installation. This is complete when the thermochromic paint turns black. This normally takes between 3 to 12 seconds, depending on ring size, braid type etc. An ammeter on the front panel shows installation current used. A needle file is provided for periodic cleaning of the electrodes.

#### **Available in:**

Americas



Europe



Asia Pacific



**Fax-on-demand**

US only (800) 260-9099

Outside US (650) 257-2301

Visit our website at [www.tycoelectronics.com](http://www.tycoelectronics.com)**Technical specification**

Electrical Supply	230 V 50 Hz
Machine Cycle Times for Tinel-Lock rings used on typical range of harnesses:	3 to 12 Seconds depending on ring size and braid type on the termination.
Mains Fuses (2)	240 V 2 Amp (Type T anti - surge)
Total System Noise	Silent Operation
Dimensions	245 mm x 305 mm x 290 mm
Weight	24 Kg

**Product range**

	Tinel-Lock rings
STANDARD ELECTRODES FITTED :	Sizes TR04 to TR24, conduit systems and TR rings on double braid
Square Profile Electrodes Fitted	TC02-TC03 RINGS

**Accessories**

	Description	Part number
Footswitch Kit	AD-5010-BENCH-FOOTSW-KIT	072845-000

**Recommended spares**

	Description	Part number
Standard Electrodes (TR04-TR24 RINGS)	AD-5010-BENCH-STD-ELECT	222899-000
Square Profile Electrodes (TC02-TC03 RINGS)	AD-5010-BENCH-SQ-ELECT	727799-000
Mechanism Assembly (Including electrode set)	AD-5010-BENCH-MECH	924079-000

N.B. Electrodes are two per P.C.N.

**Ordering information**

	Description	Part number
Tinel installation tool	AD-5000-TINEL-ASSY	411993-000