

Installation of Splice Sealing Products Adjacent to Ultrasonic Welder

Product Facts

- Increased heating element life
- Installation times, temperatures and product size information (individual selection)
- Sequenced installations
- Operator key lock/password protection levels
- Automatic heater retraction on mains failure
- Automatic calibration (single cycle)
- RS232 interface allows time, temperature and product sizes for the next installation to be transferred from a remote machine (e.g. an ultrasonic welding tool)
- Machine hours and installation cycle counters
- Software upgradeable to support special applications
- Air cooling can be provided to an optional stub splice fixture in the RBK-Proc-MK2-Proc-Aircool version

RBK-ILS-Processor MkII



Applications

The RBK-ILS-Processor MkII is a semi-automatic unit designed specifically to install splice sealing products onto ultrasonically welded or crimped splice joints used in automotive harnesses.

The tool can operate in several modes:

- Stand-alone — operator sets time and temperature.
- Sequenced — preset times and temperatures can be sequenced automatically (and can also be randomly selected from sequence stored.)

- Automatic — communication with upstream ultrasonic welder can allow time and temperature to be automatically set without operator intervention. The operator is able to efficiently load both machines and so minimize 'dead time'. Installing Raychem splice sealing products immediately after welding gives reduced installation time and earliest possible mechanical protection for the welded joint. The operator positions the splice sealing product centrally over the splice joint and then locates the assembly into the gripper mechanism.

The wire assembly is automatically ejected, with the splice sealing product installed and the joint area sealed, insulated and strain relieved. In-line or stub-type splices can be installed.

Available in:	Americas	Europe	Asia Pacific
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(Continued)

RBK-ILS-Processor MkII (Continued)

Technical Specification

Electrical Supply	220V-240V-50Hz
Power Consumption	1.7 Amps (Max)
Operating Temperature	550°C [1022°F] (Max) (500°C [932°F] recommended)
Machine Cycle Times for splice sealing products used on typical range of automotive splices	6 to 20 seconds depending on wire size and the number of wires used
Total System Noise	<80dB
Dimensions	390 x 365 x 225 mm [15 x 14 x 9 in.]
Weight	18 Kg [40 lb]

Product Range

RBK-ILS-125 Products	Sizes 1 to 3A
RBK-ILS-85 Products	Sizes 6/1 to 12/3
For Other Raychem Products (eg. RBK-VWS, RBK-ESS....)	Contact Tyco Electronics

Ordering Information

	Description	Part No.
Equipment	RBK-Proc-Mk2-Processor	740331-000
	RBK-Proc-MK2-Proc-Aircool	A96930-000
Accessories	Stub splice fixture - RBK-ILS-Proc-Stub-Sp-Fix	981721-000
	Air cooled stub splice fixture - RBK-ILS-Proc-Air-Cool-Kit	843800-000
	8 mm ring terminal fixture - RBK-ILS-Proc-Termfix-08mm	049857-000