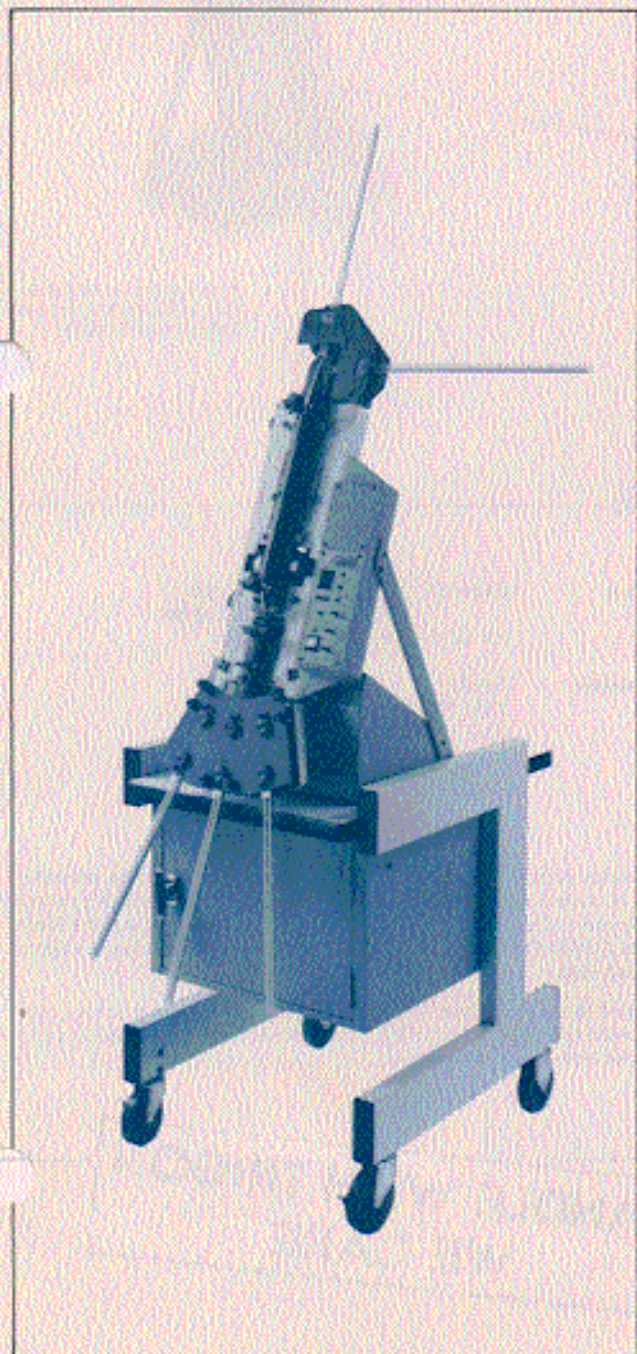


# T-2015

## QUIK-SET

### Multi-Size Test Handler

#### Fully Programmable 3-Sort Output



#### FEATURES

- Universal Size Capability, 6-40 lead, 300, 400, 600 mil DIPs without change kits.
- No adjustment required for mixed cerdip and plastic packages.
- Universal Input and Output eliminates the need for Tube Adaptors.
- Long-Life Solenoids* – a TRIGON-developed exclusive.
- Jam-free handling with leads-up device processing.
- 3-Sort Self-Aligning Output with Automatic Stepper.
- No EMR during test time.
- Model T-2045 available for testing at temperatures to 125° Celsius.

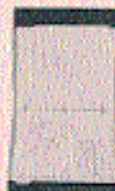
#### GENERAL DESCRIPTION

The T-2015, 3-Sort Test Handler, is a reliable and cost effective solution for ambient testing applications. To insure continued reliability with a minimum of maintenance, TRIGON has eliminated all complex high-speed mechanisms and reduced the number of moving elements to an absolute minimum, performing the remaining functions with *long-life solenoids* — a TRIGON-developed exclusive. These rugged assemblies combine with the proven advantages of leads-up device processing to provide smooth, dependable operation.

These handlers feature universal dual-tube swivel input and 3 output positions which may be individually programmed, or selected for automatic stepper in Go/No-Go testing applications. The T-2015 Handler has the capability to handle 6 to 40 leads, 0.300", 0.400", and 0.600" devices without requiring costly changeover kits. Changing from one package size to another is as simple as selecting the proper size on direct reading scales. The total system can usually be adjusted in less than 5 minutes. This size adjustment capability is not only cost effective, but produces superior processing of 6-lead mini-DIPs and other package types which fixed-size handlers frequently find extremely difficult to process reliably.

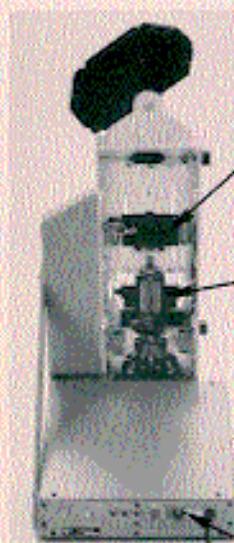
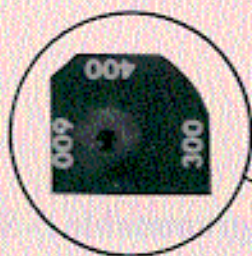
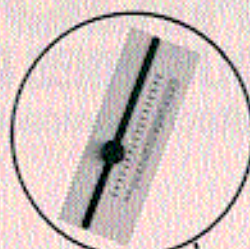
#### THOROUGH DOCUMENTATION

- Detailed manual contains exploded view drawings of mechanical assemblies.
- Functional schematics with complete signal and source references.
- Illustrated parts lists.
- Step-by-step set-up and operating instructions.



#### QUIK-SET

Rapidly change from one device package to another using simple flip-slips and direct reading scales.

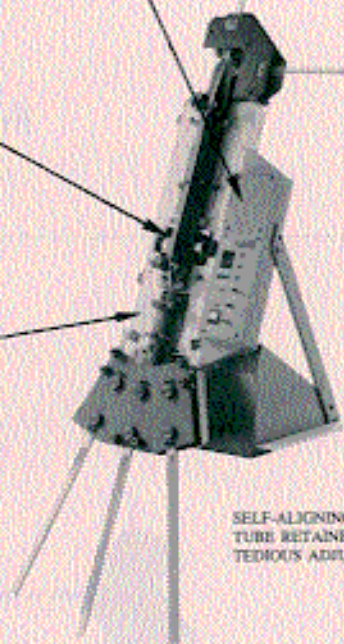


#### UNRESTRICTED INTERFACE ACCESS

Remove test head and large tester performance boards plug directly onto contactor edgeboard.

40-Pin Kelvin Contactor

CONTROL INTERFACE CONNECTOR



SELF-ALIGNING UNIVERSAL TUBE RETAINERS ELIMINATE TEDIOUS ADJUSTMENTS

### SPECIFICATIONS

<b>Package Style:</b>	Dual-in-line, 6 to 40 leads (48 optional) <b>Width:</b> 7.62 mm to 15.24 mm (0.300" to 0.600") <b>Thickness:</b> 2 mm to 5 mm (0.80" to .200") <b>Length:</b> 9.5 mm to 57 mm (.375" to 2.250") <b>Lead Type:</b> Side-brazed or bent lead.
<b>Throughput:</b>	5000-7000 UPH @ zero test time. Typical for 300 mil, 14 lead device.
<b>Input:</b>	Universal Dual-Tube Swivel, Standard.
<b>Output:</b>	Three sorting positions with full intermix programming and automatic steppover. Self-aligning universal tube retainers in all positions.
<b>Contactor:</b>	40 lead, Kelvin.

**Utilities:** Electrical: 105-125 or 210-260 volts  
50/60 Hz, Switch Selectable.  
No air required.

**Dimensions:** **Height:** 86.4 cm (34")  
**Base Width:** 33.0 cm (13")  
**Base Depth:** 53.3 cm (21")  
**Weight:** 30 Kg (65 lbs)

#### TESTER INTERFACE

Two cables interconnect TRIGON T-2000 Series Handlers to an automatic tester. A control cable which carries all Tester and Handler interface control signals, and a Contactor cable interconnecting the Tester performance board and the T-2000 Contactor. One set of Handler mating connectors is shipped with each unit.

All control signals are optically isolated and may be either negative or positive true. The Handler issues a 40 msec Start Test pulse. Inputs to the Handler consist of a Sort pulse, and optional End-of-Test pulse.



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