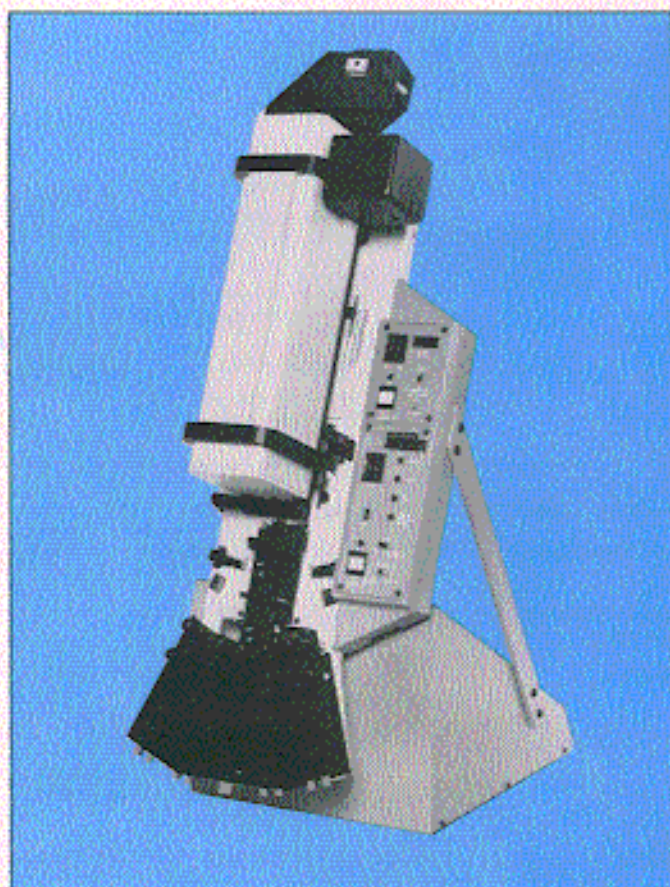


T-2070 DIAL-A-SIZE Temperature HANDLER

5 - SORT HEAVY DUTY DIP HANDLER FOR Dip Testing to 125° Celcius



FEATURING

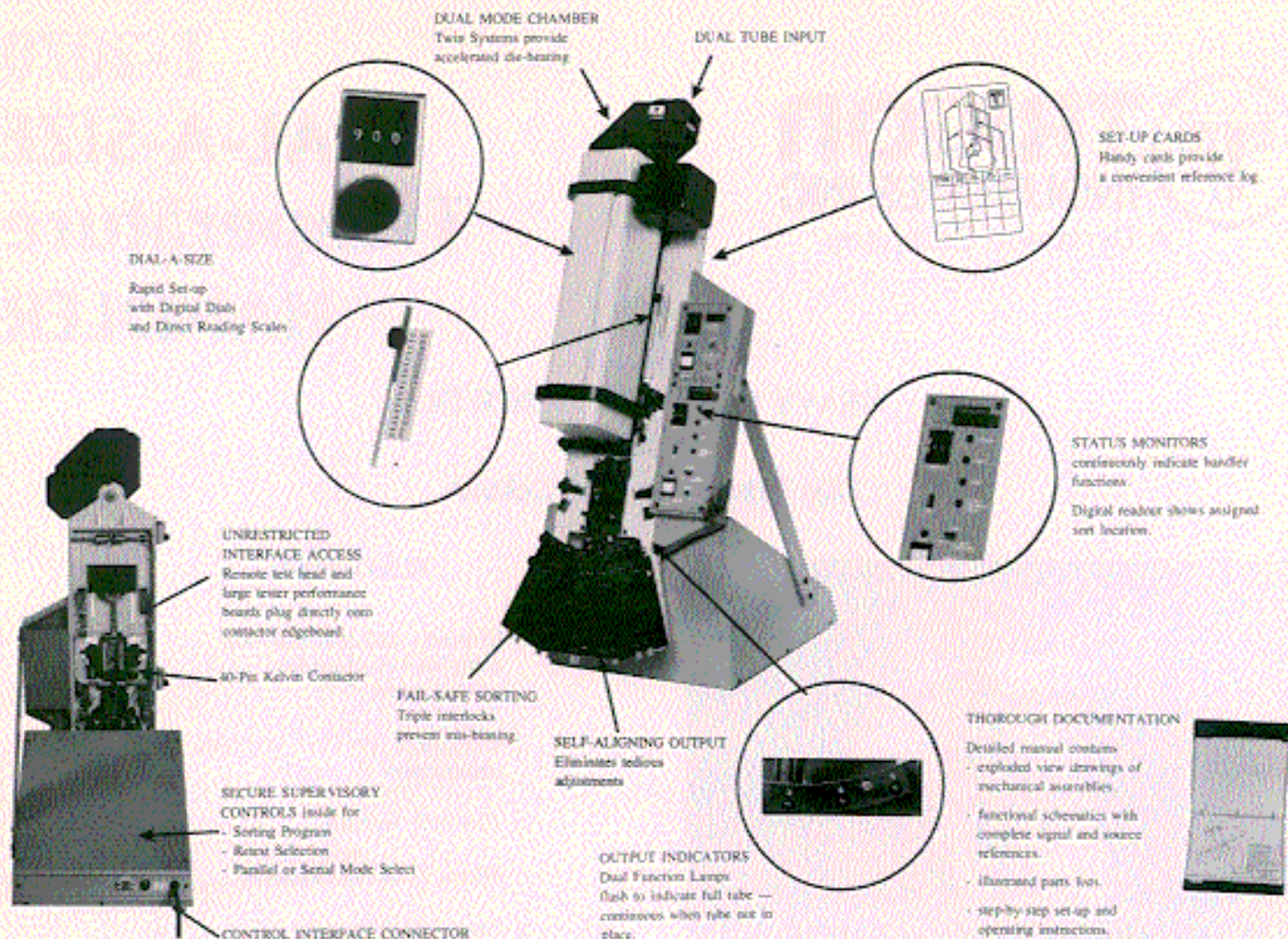
- Contacts and test site fully contained in chamber environment
- Turbulent Air Flow provides accelerated die heating
- Fail-Safe Sorting
- Heavy Duty Mechanisms
- *Long Life Solenoids* – a TRIGON-developed exclusive
- Secure Supervisory Controls
- No EMR during test time
- Leads-up device processing
- Digital Set-up Dials*
- Serial or Parallel operation
- 5-Sort Programmable Output
- T-2060 Ambient Handler also available

*Size adjustable .300" to .600",
6-40 leads without change kits.

GENERAL DESCRIPTION:

The T-2070, 5-Sort Ambient Test Handler is a most reliable and cost effective solution to elevated temperature testing problems. Each element of the handler is designed to insure continuously dependable service under the frequently severe environment encountered in production test 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. Rugged assemblies such as these combine with the proven advantages of leads-up handling to provide smooth, reliable operation.

The DIAL-A-SIZE T-2070 may be set up for processing .300" to .600", 6-40 lead devices, using simple digital dials and calibrated scales — no change kits are required. Handy set-up cards provide a log of settings for DIAL-A-SIZE adjustment of previously processed devices. This size adjustment capability is not only cost effective, but can produce superior processing of 6-Lead Mini-Dips and other package types which fixed size handlers frequently find extremely difficult to process reliably.



SPECIFICATIONS

Package Style:	Dual-in-line, 6 to 40 leads (48 optional) Width: 7.62 mm to 15.24 mm, (.300" to 0.600") Thickness: 2 mm to 5 mm, (.080" to .200") Length: 9.5 mm to 57 mm, (.375" to 2.250") Lead Type: Side-brazed and bent lead.
Input:	Universal Dual-Tube Swivel, Standard Automatic Tube Handling Module for 25 tubes available.
Output:	Fail Safe Sorting into five positions with full intermix programming and automatic steppover. Tube-in-place detector, jam sensor and sorter position interlock detector for each output position. Universal tube holders. Automatic Tube Handling Modules, each accommodating 25 loose tubes, are available.
Contactor:	40 lead, Kelvin.
Temperature Range:	To 125° Celcius
Set Point Accuracy:	±1.5° Celcius each accommodating
Set Point Resolution:	1° Celcius
Stability:	±1.5° Celcius
Display:	3 digit LED indicator for chamber temperature, switchable for adjusting set point.
Sensor Location:	Contactor Test Site

Overtemp Control:	Safety cutoff at 165° Celcius.
Soak Time Control:	0 to 99 seconds selectable with two decade digital switch.
Chamber Storage Capacity:	Approximately 12 inches.
Throughput:	Ambient; Parallel Mode—8000 UPH including 100 msec time test. Serial Mode—7000 UPH @ zero test time. Typical for 300 mil, 14 lead device. Temperature; maximum handler cycle rate at "O" soak time.
Utilities:	105-125 or 210-260 volts 50/60 Hz, Switch Selectable.
Dimensions:	Height: 86.4 cm, (34") Base Depth: 53.3 cm, (21") Base Width: 33.0 cm, (13") Weight: 30Kg, (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. All control signals are optically isolated and may be either negative or positive true, 5 to 15 Volts.



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