

ATS Series

Automatic Multi-Conductor Cable Test Sets

■ The ATS Series offers you the ability to perform every power frequency test you'll need. The ATS Series is minimally rated for 10kV operation, therefore, no matter what your product is rated for today (or in the future), you will have the capability to test it. In addition, the ATS Series performs the complete range of power-frequency tests, including tests typically done on sample cable lengths or reels. Never again will your laboratory personnel have to waste hours performing sample tests one conductor at a time - now these tests can be done in minutes on your regular production line with the ATS Series!

Utilizing a modern computer with user friendly software allows for any technician to learn how to operate the system within hours. During the test the technician will be able to see that each conductor has passed or failed, while real time being able to see what conductor is being tested. Additionally we use an automatic cable stripping clip that reduces set up time to a minimum, decreasing the overall test time.

The unique pneumatic matrix design that is used for the test connection point is designed for continuous use with very little maintenance. This is a tried and true Hipotronics design. The absence of oil reduces down time required to periodically change oil due to carbon buildup from arcing.



Features

- Hipot up to 10kV ac / 20kVdc
- Shield Isolation testing
- Continuity testing
- 50 or 100 connections pins, expandable up to 2500
- Pneumatic switching
- Data downloading with a LAN connection or USB
- Rugged computer for industrial use
- Windows XP software

Benefits

Test Reporting – Automatic test reporting to indicate pass or failure.

Data Base – All test data is automatically stored in Microsoft Access format & is accessible via a LAN connection.

Multiple tests, one set up – The ATS allows you to reduce set up and testing time by enabling the technician to connect and test up to 100 conductors at one time.

Sturdy and Reliable - The ATS series of testers have a long and trouble free life; proven by over 30 years of industry wide use.

Secure test procedures – Security that is built into the software prevents un authorized personnel to modify test profiles or tamper with computer.

Applications

Testing of insulating liquids in:

- ➔ Telephone Cable
- ➔ SCSI Cables
- ➔ Category Cables
- ➔ LAN Cables
- ➔ Control/Signal Cables

Technical Specifications

General

AC Hipot	0 ... 10kV, 1.5mA
DC Hipot	0 ... 20kV, 50mA 0 ... 10kV, 30mA
Test Positions	50 100
Voltmeter	4 ½ inch single range ±2%,10%to100% full Scale
Ammeter	4 ½ inch triple range ±2%,10%to100% full Scale
Computer	Windows XP Pentium III or greater ≥ 20G hard drive ≥ 265MB RAM
Operating Temperature	10 – 40 degrees C
Humidity	Less then 90%
Pollution	Low Index

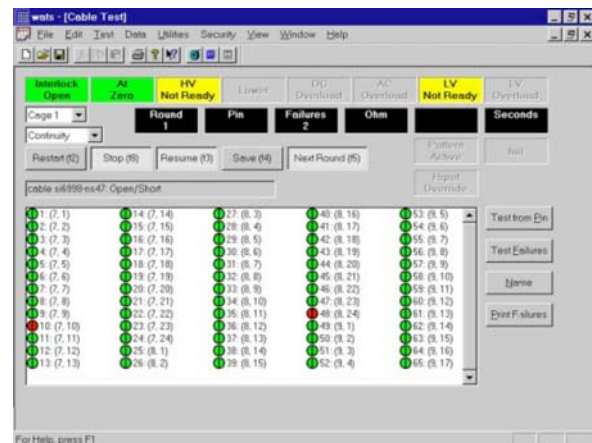
Standard Scope of Supply

- Qty: 1 Control Counsel with PC
- Qty: 1 High Voltage Portion with Regulator
- Qty: 1 High Voltage Switch
- Qty: x Pneumatic Switching Assembly

Weights and Dimensions (W x H x D, net weight, ship weight)

Controls	28" x 51" x 43" 375lbs (170 kg)
HV Assembly (50)	33" x 18" x 26" 130 lbs. (59 kg)
HV assembly (100)	33" x 18" x 36" 150 lbs. (68)
Regulator	23" x 72" x 25" 600 lbs. (272 kg)

Computer Control Panel Display



Ordering Information

System

Specifications	Model number	Options	Model Number
10kV/30mA dc output, 115V input	10DCA-...	1 ... 4 Pneumatic switch assemblies	...-1, 2, 3, or 4
10kV/30mA dc output, 230V input	10DCA-...	1 ... 5 High voltage switch assemblies	...-1, 2, 3, 4, or 5
20kV/50mA dc output, 115V input	20DCB-...	Pneumatic switch with 50 pos. self stripping clips	...-A
20kV/50mA dc output, 230V input	20DCB-...	Pneumatic switch with 100 pos. self stripping clips	...-B
10kV/1.5A ac output, 380V input	10ACD-...	Pneumatic switch with 50 pos. threaded clips	...-C
10kV/1.5A ac output, 480V input	10ACF-...	Pneumatic switch with 100 pos. threaded clips	...-D
10kV/1.5A ac, 10kV/30mA dc output, 480V input	1010F-...		
EXAMPLE MODEL NUMBER: 1010F-21A - 10kV DC, 10kV AC, with 2 pneumatic switching assemblies, 1 high voltage switch, 50 position switching assemblies with self stripping clips			

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