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Advantest T5371 Test Systems (JAD-37246)

Make: Advantest
Model: T5371
Quantity: 1
Vintage: 2000 to 2001
Inspection: Not Available/Systems are offline and crated, so installation and installation warranty will be provided

Configuration:

1. Configuration and specifications

1-1. Test station

1) Test station No.1

-Test Head housing HV2
-Channel configuration
[X] Full 1664ch: Dr: 960ch , I/O:640ch , DC:64ch
-Test head stand
[]for Manual Type of Prober :
[]for Handler Type of Handler :
[X]None
-Control box [X]Yes []No
-Trigger terminal 1 set
-Test head positioner control box 0
-M6700 TH Air filter kit 0
-Specifications of fans in Test head
[X] Air Flow (front--> rear)
[] Air Flow (rear-->front)

2) Test station No.2

[X]Yes []No

-Test Head housing HV2
-Channel configuration
[X] Full 1664ch: Dr: 960ch , I/O:640ch , DC:64ch
-Test head stand
[]for Manual Type of Prober :
[]for Handler Type of Handler :
[X]None
-Control box [X]Yes []No
-Trigger terminal 1 set
-M6700 TH Air filter kit 0
-Specifications of fans in Test head
[X] Air Flow (front--> rear)
[] Air Flow (rear-->front)

3) Test Head cable length

8m

2-2. Measurement section

- 1) FC ☒ 70ch
- 2) DC Test Unit ☐ 16ch/STN
☒ 32ch/STN
- 3) Programmable Power Supply
-PPS (max.0.8A) ☐ 32ch/STN
☐ 64ch/STN
☐ 96ch/STN
☒ 128ch/STN

-Full composition PPS ch
☒ 1-32,33-64,65-96,97-128
- 4) Timing generator
-Number of timing edges ACLK1 : 128edges
BCLK1 : 128edges
CCLK1 : 128edges
DRECLKL(DREL): 128edges
DRECLKT(DRET): 128edges
STRB : 4edges
WSTRB : 4edges

-Timing set 16
- 5) Pattern Generator
-ALPG X register - 16bits, Y register - 16bits
- 6) Driver output reference level (VIH,VIL) 16 pairs
- 7) Comparator input reference level (VOH,VOL) 16 pairs
- 8) Terminator voltage (VT) 16 pairs
- 9) Programmable load (PL) 16 pairs
- 10) Failure analysis memory (--Gbits/board) 0 unit /STN
- 11) Hard MRA-4 (1Gbits/board) 4 units/STN
☒ FMRA 1-8
- 12) Pattern memory (576Mbits) ☒ Yes ☐ No
- 13) GP-IB interface 1 set
- 14) Down flow mainframe ☒ Yes ☐ No
- 15) Flash memory function ☒ Yes ☐ No

2-3. Control section

- 1) Tester processor (TP5)
-Memory Capacity 8MBytes
- 2) EWS (Engineering Work Station) V0713A-01 1 set
-CPU (Ultra5)
-Memory Capacity 128MBytes
-8GB X 1 Hard disk
-Ethernet 10/100BaseT Port
-CD-ROM Drive
-3.5 Inch Floppy disk drive (1.44MB)
-2-line asynchronous serial port
- 3) Graphic Color monitor(17-inch) V0106C 1 set
- 4) TP PCI Bus Interface H3-6743 1 set
- 5) 2'nd Ethernet connection kit Å@ H3-6766 1 set
- 6) AC 200V power supply cable H3-6543/H3-6544 1 set

2-4. Peripherals

- 1) 18GB Hard disk(External Disk Unit) H3-6722A/H3-6704 0 set
- 2) 20GB 4mm DDS4 Tape Drive H3-6813/H3-6704 0 set

- 3) 2'nd Ethernet & SCSI Interface Å@ H3-6736 0 set
 - 4) 8-line asynchronous serial interface board H3-6730 0 set
 - 5) Color Laser Printer(Network connection) V0225A+H3-6757 0 set(*1)
 - 6) Network(Ethernet) Connection Kit
 - 8 port 10BaseT Hub H3-6607 0 set(*1)
 - 10 Base5 Connector Kit(For old style network)
 - Ethernet Transceiver H3-6523 0 set
 - Transceiver cable (10m) H3-6524X01 0 set
 - Transceiver cable (15m) H3-6524X02 0 set
 - Transceiver cable (30m) H3-6524X03 0 set
 - 8 port 100BaseT Switch Hub H3-6703 0 set(*1)
 - 10/100BaseT Cable(For Ultra5/H3-6607/H3-6703/printer)
 - Cable (5m) H3-6628X01 0 set
 - Cable (10m) H3-6628X02 0 set
 - Cable (15m) H3-6628X03 0 set
 - Cable (20m) H3-6628X04 0 set
 - 7) UPS(Uninterruptible Power Supply) H3-71171+H3-71172 0 set
- Note(*1) : These products cannot feed power by the test system.
To use these products, prepare another power supply.

2-5. Desk

- 1) For System H9-1241/H3-71091 1 set
- 2) For CPU H9-1262 0 set

2-6. Others

- 1) Photoelectric smoke sensor YES
- 2) Additional EMO switch (*1)
 - Without-key type 0 pc.

Note(*1): 1 pc. of EMO switch without-key type is included in standard.

2-7. Accessories for testing

- 1) Accessories for manual testing
 - Socket board support H9-90845 0
 - Blind cover for Socket board support H9-90678 0
- 2) Accessories for prober testing
 - Card Holder H7-9115 0
 - Wafer Mother board H7-0691X02 0
- 3) Accessories for handler testing
 - Mother board H7-0695 0
 - H7-0697 0
 - H7-0709 0
 - H7-0711 0
- 4) Adaptor kit H9-XXXXX 0
- 5) Spacer H9-90965 0

2-8. Accessories for maintenance

Extender card [] Yes [X] No

2-9. Accessories

- Standard accessories 1 set
- Cable duct A H9-9268 4 sets
- Spare pin card(DR+IO) BGM-023206X04 0 set

3. System ratings

3-1. Power line voltage

-180 - 220 VAC (50A 3-phase power source) 3 lines

3-2. Power line frequency

60Hz+/-0.5%

3-3. Power consumption (Max)

- 200 VAC 22 KVA

3-4. Air Requirement

Each test station requires following air sources for the performance board is locking and unlocking by air pressure.

- Air consumption (Dry air) 0.49-0.69MPa

3-5. Weight (Approx.)

1645 Kg

4. Suppression of radio frequency interference option ☒ YES ☐ NO

☒ FCC Part 15 (See Note)

☐ CE Mark (Include FCC Part 15 Rules)

Note;The system has been found to comply with Part 15 of FCC Rules for Class A computing device.

5. Place of installation

6. Custom Specifications

(1) Certification of calibration (for test system) 1set

(2) Certification of calibration (for digital volt meter) 1set

(3) Temporary TH Stand (KH9-90918) 2sets

(4) Mother board (H7-0707X02) 2sets

(5) SEMI S2-93

(6) Additional EMO switch (H3-71168) 1set