Approved by :

Prepared by : ADVANTEST CORPORATION

Date prepared : DEC 06, 2006

Accepted by :

(Customer Signature)

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1. Preface

The specifications contained herewith specify the functions and compositions of the specific system.

The description of the specifications is intended to make the individual specification of respective system clear, and T5383 MEMORY TEST SYSTEM PRODUCT DESCRIPTION provided separately shall be referred to for performance.

The specifications herewith exclusively apply in preference to the PRODUCT DESCRIPTION manual in case that any differences exist.

2. Hardware

2-1. Measurement section

Test station No.1

2-1-1. Channel configuration

Full 6144ch: Dr: 2304ch, I/O: 2304ch, LVDr: 1536ch

2-1-2. Trigger terminal 1set

2-1-3. FC 144CH

2-1-4. DC Test Unit 192CH/STN

2-1-5. ADD LVDr (94CHX4) 1set

2-1-6. Programmable Power Supply

PPS EXTENSION UNIT (64CHX9) 1set

2-1-7. Timing generator

-Number of timing edges

ACLK	: 128edges
BCLK	: 128edges
CCLK	: 128edges
DRECLKL	: 128edges
DRECLKT	: 128edges
STRB	: 4edges
WSTRB	: 1edge

-Timing set 16

2-1-8. Pattern Generator

-ALPG X register - 24bits, Y register - 24bits

2-1-9. Driver output reference level (VIH,VIL)		16pairs
2-1-10.Comparator input reference level (VOH,VOL)		16pairs
2-1-11.Terminator voltage (VT)		16pairs
2-1-12.Programmable load (PL)		16pairs
2-1-13.Failure analysis memory (16Gbits/board)		0set
2-1-14.Hard MRA4ev3(16Gbits/board)		12sets
-MRA Station configuration FMRA 1-12 RCPU 1-6 RDB 1-3		
2-1-15.Flash Memory Parallel Test Option		0set
2-2. Control section		
2-2-1. Tester processor (TP7)		
-Memory Capacity		1.5GBytes
2-2-2. System processor	H3-610201	1set
-CPU(Pentium4 2.8GHz)		
-Memory Capacity		512MBytes
-80GB X 1 Hard disk		
-Primary Ethernet:10/100Base-TX		
-Secondary Ethernet:10/100/1000Base-T		
-GP-IB Interfae		
-DVD-ROM Drive		
-3.5 Inch Floppy disk drive (1.44MB)		
2-2-3. Additional Memory (1GB)		1set
2-2-4. LCD monitor(19-inch)	H3-610204	1set
2-2-5. KVM Switch	H3-610203	1set
3. Safety section (Standard)		
3-1. Emergency off switch(EMO switch) without key		1set
3-2. Photoelectric smoke detector		1set

4. Accessories	
4-1. Standard accessories	1set

5. System ratings

5-1. Power line voltage

-180 - 220 VAC (50A 3-phase power source) 4lines

5-2. Power consumption (Max)

-200 VAC 54KVA

5-3. 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

5-4. Cooling Water

5-4-1. Cooling Water Supply Conditions

-Temperature Range 7 to 20 Degree C

-Water Feed Rate 38 to 107 L/min or more

-Supplied Water Pressure 0.2 to 0.7MPa

Note : The water quality depends to the standard of the Japan Refrigeration and Air Conditioning Industry Association (JRA-GL-02-1994).

There are mutual relation up to the temperature and flowing quantity.

5-4-2. Pipe Coupling Conditions

-Cooling Water entrance Bore diameter Rcl 1/4(with a valve) 1place

-Cooling Water exit Bore diameter Rcl 1/4(with a valve) 1place

Please prepare the hose for the cooling water by yourself.

5-5. Weight (Approx.) 2600Kg

6. Suppression of radio frequency interference option

FCC Part 15 0set

CE Mark (Include FCC Part 15 Rules) 1set

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

7. Place of installation

Koenigsbruecker Str. 180

01099 Dresden Germany

8. Certification of calibration

8-1. for test system 1set

9. Custom Specifications

9-1. 2nd Ethernet IP Address 172.20.xxx

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10. Others

MODEL NAME PLATE

DESCRIPTION:T5383 QIM1

NOTE: FONT & COLOR ARE NOT SELECTABLE.

POWER LINE FREQUENCY

50HZ

Connective type : UF3000EX