

# Diagnostic report

## Controller

Controller PC-3000 Portable III  
Controller S/N 003111  
Controller F/W version 2.5 (0.16)  
PC-3000 version 7.1.10  
DE version 6.1.10 (U)  
OS version 6.1(7601) Service Pack 1  
Computer WJ-PC

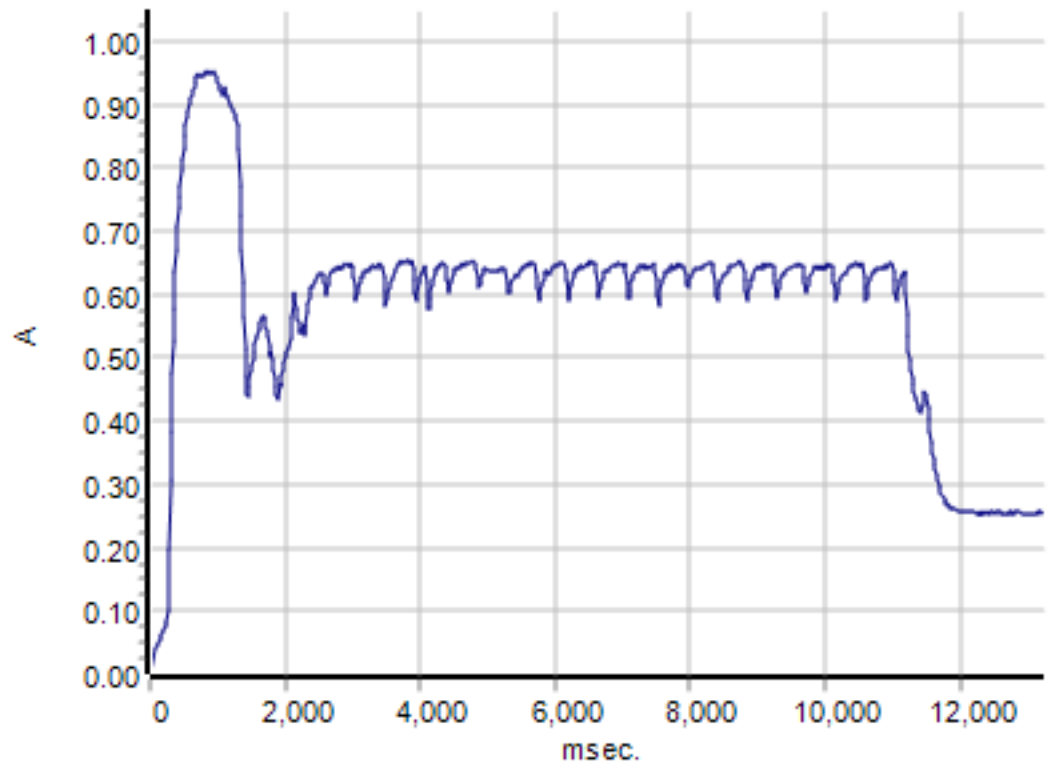
## Drive

Model TOSHIBA MK6461GSY  
Serial Y0PCT1WMT  
Firmware MC000D  
Capacity 640 GB (1 250 263 728)

## Device connect

Power Ok (Power GOOD)  
Drive connected (Phy) Ok  
Readiness Ok  
Drive getting ready time 11 138msec.

+5V Current































## PCB test

Sector buffer test Ok

## Drive ID

Drive ID Reading Ok  
Drive security locked No  
PC-3000 utility Toshiba / Toshiba 1.8/2.5/3.5

## Drive ID data

Parameter	Value
 CONFIGURATION GENERAL INFORMATION:	
 Device interface	SATA (SATA Rev 2.6)
 Rotation Rate	7 200
 Main data	
 Model	TOSHIBA MK6461GSY
 Serial number	Y0PCT1WMT
 Firmware	MC000D
 WWN	50000392E15862A8
 Current Logical Parameters	
 Cylinders	16 383
 Heads	16
 Sectors	63
 Capacity	16 514 064 sect.
 Capacity available in LBA Mode	268 435 455 sect.
 Capacity available in LBA 48 Mode	1 250 263 728 sect.
 Security system	
 Password set	[NO]
 Drive locked	[NO]
 Drive frozen	[NO]
 wrong password count exceeded	[NO]
 security erase support	[YES]
 security level	High
 Device Sector Info	
 Multiple logical sectors per physical sector	[NO]
 Logical Sector Longer than 256 Words	[NO]
 Logical sectors per physical sector	1
 Alignment of logical blocks within a larger physical block	0
 Words per Logical Sector	256







## Set max LBA










Drive set max LBA info reading Set max LBA (48-bit) reading error Device error detected "ABR"

## S.M.A.R.T.

S.M.A.R.T. data reading Ok  
S.M.A.R.T. contains drive malfunction flags No  
Reassigned sectors No

## S.M.A.R.T. Attributes

Id	Name	Attribute	Threshold	Worst	RAW	
01	Raw Read Error Rate	100	50	100	0	
03	Spin Up Time	100	1	100	1 174	
05	Reallocated Sector Count	100	50	100	0	
09	Power-On Hours Count	100	0	100	34	
0C	Device Power Cycle Count	100	0	100	24	
BF	G-Sense Error Rate	100	0	100	0	

● C0 Power-Off Retract Count	100	0	100	8	
● C1 Load/Unload Cycle Count	100	0	100	40	
● C2 Temperature	100	0	100	24 C	
● C7 UltraDMA CRC Error Rate	100	0	100	0	
● C8 Write Error Rate	100	0	100	0	
● F0 Head Flying Hours	100	0	100	24	
● F1 Total LBAs Written	100	0	100	8	
● F2 Total LBAs Read	100	0	100	0	
● FE Free Fall Protection	100	0	100	0	

## S.M.A.R.T. Params

Parameter	Value
Off-line data collection status	00 - Off-line data collection activity was never started.
Percent Self-Test Remaining	70
Self-test execution status	05 - The previous self-test completed having the electrical element of the test failed.
Total time in sec. to complete off-line data collection	120
EXECUTE OFF-LINE IMMEDIATE implemented	<input checked="" type="checkbox"/>
Abort/Restart off-line by host	<input type="checkbox"/>
Off-line read scanning implemented	<input checked="" type="checkbox"/>
Short and Extended self-test implemented	<input checked="" type="checkbox"/>
Conveyance self-test implemented	<input type="checkbox"/>
Selective self-test implemented	<input checked="" type="checkbox"/>
Low Power mode save data	<input checked="" type="checkbox"/>
SMART Attribute Autosave Command Support	<input checked="" type="checkbox"/>
Self-test routine recommended polling time	2 min
Extended self-test routine recommended polling time	152 min
Conveyance self-test routine recommended polling time	0 min

## S.M.A.R.T. Summary error log

S.M.A.R.T. log reading S.M.A.R.T. Read Log Error Device error detected "INF"

## Data access test

User area access checking Read sectors error. Device error detected "ABR"  
Errors  
Timeouts

## User data

User data  
User data access No user data access

## PC-3000 utility

Utility autodetect Toshiba / Toshiba 1.8/2.5/3.5  
Run utility

## Image data

Image Data extraction does not imply sector-by-sector copying