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Test & Measurement

- sales
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- calibration
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Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

If you click on the “Click-to-Call” logo below, you can call us for FREE!

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CMA 5000

Multi-Layer Network Test Platform

The CMA 5000 is the industry's premier test and measurement solution designed with the high performance and scalability necessary to meet the stringent demands of telecommunications professionals, while simultaneously accelerating the deployment of new services and reducing the total cost of measurement.

NOTES:

- ¹ All specifications subject to change
- ² The LBA features a 700 MHz processor with 512 MB of ram standard.
- ³ Although Windows® is the platform operating system, it is not accessible unless the Windows desktop option is ordered
- ⁴ SBA refers to small bay adapter, MBA refers to mid bay adapter and LBA refers to large bay adapter.
- ⁵ The LBA will allow 6 bays of modules to be installed, however only 4 provide electrical contacts.
- ⁶ The CMA 5000 with large bay adapter or dedicated AC power source is not available with battery power.
- ⁷ With OTDR module per Bellcore TR-NWT-001138

Platform Specifications ¹

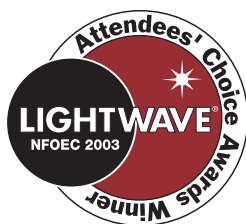
Display	Touch screen, 26.4 cm (10.4") XGA LCD (1024 x 768 pixel resolution)
Processor ²	Ultra-low power 300 MHz Intel Processor (standard) / Pentium III 700 MHz Processor(optional)
System Memory ²	256 MB (standard) / 512 MB with Pentium III 700 MHz Processor (optional)
Operating System ³	Windows XP®
Control Interface	Touch screen, cursor control, dedicated hardkeys and status LEDs
Standard I/O Ports	USB (2), PC card slots (2), Ethernet 10/100(1), IrDA (1), Video (1), PS/2 Mouse (1), PS/2 Keyboard (1), Parallel (1), RS-232 Serial (1)
Data I/O (modular)	CD-ROM (standard) CD-R (optional) 3.5" 1.44 MB floppy drive (optional) GPIB (optional)
Data I/O (fixed)	20 GB hard drive minimum (standard)

Physical Specifications

Dimensions (H x W x D)⁴	
Platform with SBA (2 bays)	24.1 x 34.3 x 9.5 cm (9.5 x 13.5 x 3.75 inches)
Platform with MBA (4 bays)	24.1 x 34.3 x 15.2 cm (9.5 x 13.5 x 6 inches)
Platform with LBA (up to 6 bays) ⁵	24.1 x 34.3 x 24.1 cm (9.5 x 13.5 x 9.5 inches)
Weight	
Platform with SBA (2 bays)	5.4 kg (12 lbs) includes 1 battery
Platform with MBA (4 bays)	6.3 kg (14 lbs) includes 1 battery
Platform with LBA (up to 6 bays) ⁵	8.1 kg (18 lbs) includes power supply

Power Specifications ⁶

AC (all configurations)	Auto switching 92-132 VAC 47-63 Hz, 184-264 VAC 47-63 Hz
Battery (SBA & MBA only)	Li-Ion (2 slots) - 1 battery standard (second battery optional)
Battery Life ⁷	6 hours (2 batteries)
Recharge Time	<3 hours



NOTES:

¹ The CMA 5000 platform with large bay adapter or dedicated AC power source does not include the AC charger/adapter or Li-Ion battery

² Must be added as a separate line item



Small Bay Adapter (SBA)



Mid Bay Adapter (MBA)



Large Bay Adapter (LBA)

AC Power Cord Options

OPTION-570LINEUS	US/Japan AC line cord	OPTION-570LINESW	Switzerland AC line cord
OPTION-570LINEEU	Europe AC line cord	OPTION-570LINEIT	Italy AC line cord
OPTION-570LINEUK	United Kingdom AC line cord	OPTION-570LINEAU	Australia AC line cord

Environmental Specifications

	Operation	Storage
Temperature	0° to 45° C (32° to 122° F)	-25° to 60° C (-13° to 140° F)
Humidity	95% max, non-condensing	95% max, non-condensing
Altitude	15,240 m (50,000 ft)	15,240 m (50,000 ft)

Standard Accessories ¹

Color display with touch screen, modular CD-ROM drive, operator's manual, support CD, Li-Ion battery (1), AC charger/adapter, 10/100 MB Ethernet Port, PC card (PCMCIA) slots (2), and choice of AC line cord.

Optical Accessories ² (Photos are available on page 4)

Option-501CD-RW	CMA 5000 CD/read/write module upgrade (requires desktop option)
Option-502FLOPPY	CMA 5000 floppy drive module
Option-503DESKTOP	CMA 5000 Windows® desktop upgrade (adds desktop option to units without)
Option-505MAN	CMA 5000 Replacement platform user's guide
Option-506KEYUS	CMA 5000 PS/2 keyboard with trackball
Option-507KEYUS	CMA 5000 PS/2 keyboard
Option-510BATT	Replacement Li-Ion battery
Option-511AC	Replacement AC charger/adapter
Option-512HCBATT	High capacity battery for transport modules
Option-513ACPOWER	AC power module for application configurations with high power requirements
Option-515PRINT	CMA 5000 portable external printer with cable and case
Option-520HCASE	CMA 5000 SBA hard transit case
Option-521HCASEML	CMA 5000 MBA hard transit case
Option-522SCASE	Soft bag, CMA 5000 SBA/MBA
Option-524DXHCASE	Deluxe SBA/MBA hard case with high module capacity
Option-526TRIPOD	Mounting tripod for CMA 5000 SBA
Option-528HCASEL	CMA 5000 LBA hard transit case
Option-530BLANK	Single slot blank filler module
Option-591EXT1	CMA 5000 1 Year extended warranty
Option-592EXT2	CMA 5000 2 Year extended warranty

Options for use with Windows Desktop Option only

Option-580DATA	USB data transfer kit, includes software and cable
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Additional CMA 5000 Accessories

4500-USBKEY	USB keyboard with trackball (US layout)
4500-USBKEY-EU	USB keyboard with trackball (EU layout)
4500-USBKEY-UK	USB keyboard with trackball (UK layout)
4500-USBKEY-GE	USB keyboard with trackball (German layout)
4500-USBFLOPPY	USB external floppy drive
4500-USBCDRW	USB external CD-R/W drive
4500-AUTO	Cigarette lighter charger adapter for SBA and MBA (DC only)

Test Fiber Module Options

The CMA 5000 test fiber modules fit into a single bay and are available with either 1.1 km of single-mode (SM) fiber or 300m of multimode (MM) fiber.

SM connector options: FC, ST or SC

MM connector options: FC, ST or SC

OPTION-550TFMFC	Test fiber module SM 1.1 km - FC connector
OPTION-550TFMSC	Test fiber module SM 1.1 km - SC connector
OPTION-550TFMST	Test fiber module SM 1.1 km - ST connector
OPTION-551TFMFC	Test fiber module 62.5 µm MM 300 m - FC connector
OPTION-551TFMSC	Test fiber module 62.5 µm MM 300 m - SC connector
OPTION-551TFMST	Test fiber module 62.5 µm MM 300 m - ST connector
OPTION-552TFMFC	Test fiber module 50 µm MM 300 m - FC connector
OPTION-552TFMSC	Test fiber module 50 µm MM 300 m - SC connector
OPTION-552TFMST	Test fiber module 50 µm MM 300 m - ST connector



55X - Test Fiber Module

USB Video Inspection Probe (see VIP Application datasheet for additional information)

The CMA 5000 video inspection probe features a 200X/400X user selectable probe that allows fiber optic connectors to be viewed, stored and analyzed (with option 546 or 547) through the CMA 5000 USB port.

Option-545VIP	USB probe with basic viewing/image capture software, FC, SC, ST, 1.25 mm and 2.5 mm tips
Option-546VIPA	USB probe with basic viewing/image capture/advanced analysis software, hard case, FC, SC, ST, 1.25 mm and 2.5 mm tips (USB feature key)
Option-547VIPA	USB probe with basic viewing/image capture/advanced analysis software, hard case, FC, SC, ST, 1.25 mm and 2.5 mm tips (Parallel port feature key)



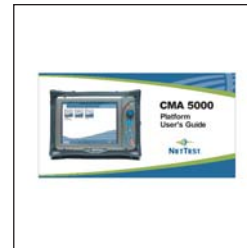
545 - USB Video Inspection Probe



501 - CD/RW Drive



502 - Floppy Drive



505 - CMA 5000 Replacement platform user's guide



506 - PS/2 Keyboard with Trackball (US Layout)



507 - PS/2 Keyboard (US Layout)



511 - AC charger/adaptor



513 - AC Power Module (Module Only)



515 - Portable External Printer



520 - SBA Hard Transit Case



521 - MBA Hard Transit Case



522 - Soft Bag



524 Deluxe Hard Case (case only)



55X - Test Fiber Module



520 - ORL Module



530 - Single Slot Filler Module



4500-AUTO - Cigarette lighter charger for SBA and MBA (DC only)



546/547 - USB Visual Inspection Probe with case



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