



ABN 43 064 478 842

➤ 231 Osborne Avenue Clayton South, VIC 3169
 PO Box 1548, Clayton South, VIC 3169
 t 03 9265 7400 f 03 9558 0875
 freecall 1800 680 680
www.tmgtestequipment.com.au

Test & Measurement

- sales
- rentals
- calibration
- repair
- disposal

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.

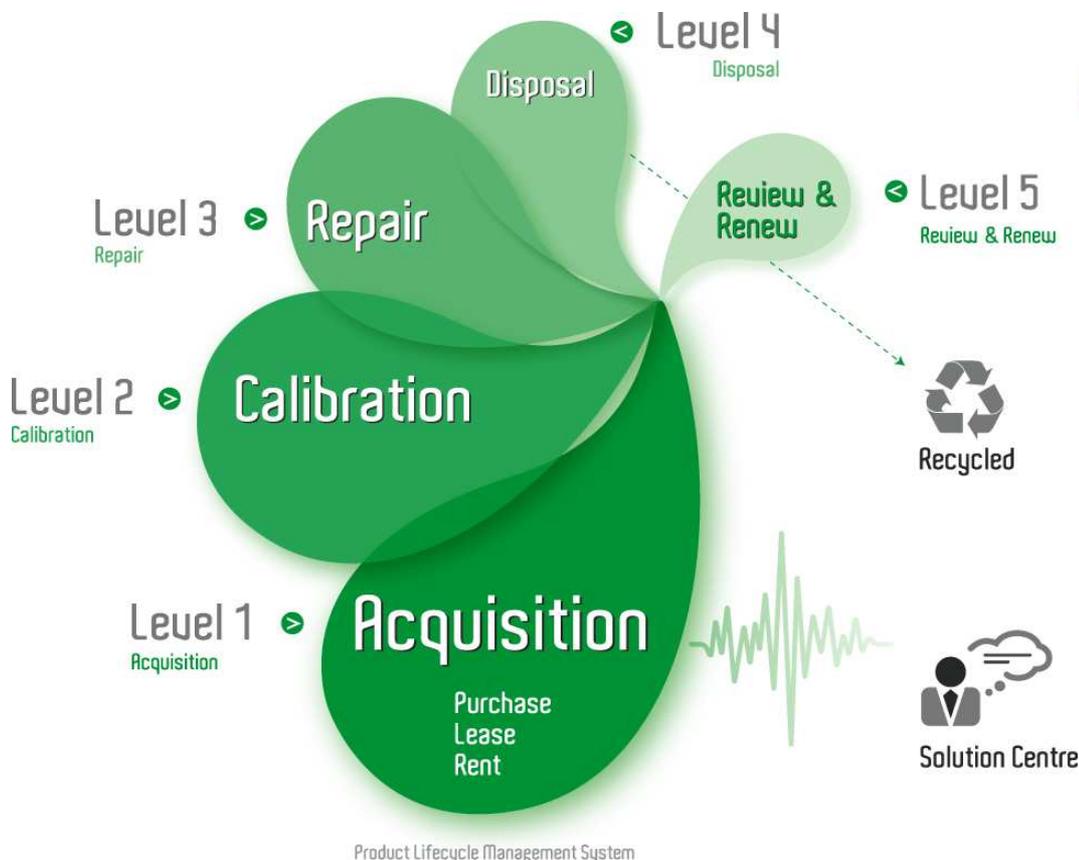
If you click on the “Click-to-Call” logo below, you can call us for FREE!

TMG Corporate Website

TMG Products Website



Click-to-Call
TMG Now



Product Lifecycle Management System

Disclaimer:

All trademarks appearing within this PDF are trademarks of their respective owners.



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 |
|----------------|--|

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 |

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) |



55X - Test Fiber Module



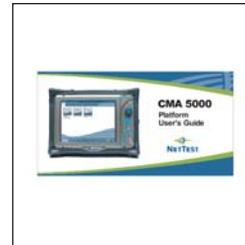
545 - USB Video Inspection Probe



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



NetTest North America Inc.

Center Green, Building 4
6 Rhoads Drive
Utica, NY 13502 USA
Toll Free: 1 800 443 6154
Tel: +1 315 266 5000
Fax: +1 315 798 4038
E-mail: info@nettest.com
Web: www.nettest.com

NetTest Sales Offices

| | | | |
|---------|-------------------|-----------|--------------------|
| China | +86 10 6467 9888 | Italy | +39 06 43 36 24 00 |
| Denmark | +45 72 11 22 00 | Singapore | +65 6220 9575 |
| France | +33 1 64 53 64 00 | Spain | +34 91 372 92 27 |
| Germany | +49 89 99 89 01-0 | USA | +1 315 266 5000 |

NetTest develops and markets operational support solutions that provide unique insights into the function and performance of telecommunication networks so that owners, operators, and vendors can make informed business decisions that drive their profitability.