



# HOSPITEX INTERNATIONAL



**MASTERT**  
SEMI-AUTOMATIC ANALYZER



# MASTER T SEMI-AUTOMATIC ANALYZER

- Performs Endpoint, Kinetic, Fixed Time, Multistandard, Dichromatic assays.
- Open system for user-defined programs.
- Touch screen with integrated alphanumeric keyboard.
- Multilanguage capability, up to 6 different languages (including Chinese characters).
- 200 programmable tests.
- Intelligent worklist management.
- Patient archive.
- 1000 results storing capability.
- Patient name length 16 characters.

- Sample repetition.
- Each test handles 3 different QC values (Quality Control).
- Built-in six position incubation block.
- Integrated pump and flow cell.
- Internal pre-adjusted Peltier element at 25°C, 30°C, 37°C.
- Personalizable aspiration features.
- 16 different QC values storage.
- 25 QC archives with 100 results.
- Results shown on graphic display and printed on paper by built-in printer



## TECHNICAL CHARACTERISTICS

Graphic Display:	320x240 (1/4 of VGA)
Patient name length:	16 characters
Max test storage:	1000 tests
External interface:	- PS2 external keyboard (connection on rear side of instrument) - RS232
Light source:	Halogen lamp -12V, 20W
Photo detector:	Silicon based (range 300-1000nm)
Wavelength:	340nm-630nm.
Wavelength selection:	Automatic via 8-position filter wheel;
6 standard interference filters:	340nm, 405nm, 505nm, 546nm, 578nm, 630nm. Two free positions for optional filters.
Photometric Range:	0-2.5 O.D.
Temperature control:	Peltier elements, 25°C, 30°C and 37°C.
Flow cell system:	32µl flow cell with 10mm light path, interchangeable with disposable macro, semi-micro, or special optical glass cuvettes.
Reading time:	1-999 seconds
Incubation time:	5-999 seconds.
Reaction volume:	500 µL per test.
Printer:	Graphic, 24 characters per line.
Printing sort:	Batch, profile, QC print, Levy Jennings graph curves, Westgard rules
Dimensions:	42 (L) x 38 (W) x 25 (H) cm
Weight:	Kg 11
Power supply:	110/230 AC 50-60 Hz.

## CARACTÉRISTIQUES TECHNIQUES

Ecran graphique:	320x240 (1/4 of VGA)
Longueur nom patient:	16 caractères
Max.test stockage:	1000 tests
Interface externe:	- PS2 clavier externe (connexion sur l'arrière de l'appareil) - RS232
Source lumineuse:	Lampe Halogène -12V, 20W
Photo détecteur:	Silicon based (gamme 300-1000 nm)
Longueur d'ondes:	340 nm – 630 nm
Sélection longueur d'ondes:	Automatique via roue à filtres 8-positions;
6 filtres interférentiels standards:	340 nm, 405 nm, 505nm, 546 nm, 578 nm, 630 nm. Deux positions libres pour filtres optionnels.
Gamme photométrique:	0-2.5 O.D.
Contrôle température:	Eléments Peltier, 25°C, 30°C et 37°C.
Cuve à circulation système:	Cuve à circulation 32µl 10 mm de parcours optique, interchangeable par des cuves à usage unique macro, semi-micro, ou des cuves en verre optique spécial.
Temps de lecture:	1-999 secondes.
Temps d'incubation:	5-999 secondes.
Volume réactionnel:	500µl par test.
Imprimante:	Graphique, 24 caractères par ligne.
Types d'impressions:	Batch, profil, impression QC, courbes de Levy Jennings, Westgard Rules.
Dimensions:	42 (L) x 38 (P) x 25 (H) cm
Poids:	Kg 11
Alimentation:	110/230 AC, 50-60 Hz.



All illustrations and specifications contained in this folder are based on the latest information available at the time of printing.  
HOSPITEX INTERNATIONAL reserves the right to make changes to materials, equipment and models, and to discontinue models at any time without notice.



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