

Clima MC-15

Analyze Your Needs



**Versatility. Speed. Compactibility.
Small yet Powerful.**

Features of **Clima MC-15**



Clima MC-15 is Clinical Chemistry Analyser designed for small, medium and big laboratories, due to its versatility and speed; perfect for urgencies, low volume laboratories and as back up instrument. It is able to measure various parameter such as :

- ⌘ **ABSORBANCES**
- ⌘ **CONCENTRATION**
End Point and Fixed Time
- ⌘ **ACTIVITIES**
Kinetics
- ⌘ **DIFFERENTIAL**
- ⌘ **RATIO**
Specific calculations
- ⌘ **MULTICALIBRATION CURVES**
Immunoturbidimetry, ELISA and others

HIGH VERSATILITY FOR LOW MAINTENANCE



Its simultaneous process allows the reading of 15 end point tests per minute or 15 kinetics in 4 minutes with a minimum volume of reagent (0.5 ml) and without carry over.

Due to the use of a multi-cuvette rack with separated compartments and the help of the work station to dispense samples and reagents, the tests are very easy to run and to control.

Each cuvette has two different compartments, small for the sample and big one for the reagents up to 500 µl.

The built-in mixer guarantess thoroughly reaction between sample and ragents with standardized time and speed of shaking. No specialized personnel is required.

VARIOUS PROGRAM FOR QUICK MEASUREMENT

- ⌘ Its **Random Access** program allows to automatically run different measurements with the same rack of cuvettes in only one process. It is possible to analyse substrates, enzymes, etc, at the same time.
- ⌘ Its **Profile program**, pre-programmed or by free election, allows to run up to 15 different parameters for the same sample in a 5 minutes cycle.

Results are displayed and ⌘
printed out on thermal paper
with the controls and flags, if
needed.

Works with mono-reagent or bi- ⌘
reagent measurement format



Reagent kit for **Clima MC-15**

PARAMETER	CATALOGUE NUMBER	KIT SIZE	
		R1	R2
Reagents			
ALAT (GPT) FS (IFCC mod.)	12701 99 10 022	5 x 20 mL	1 x 25 mL
	12701 99 10 025	3 x 80 mL	1 x 60 mL
	12701 99 10 029	3 x 200 mL	1 x 150 mL
Albumin FS	10220 99 10 022	6 x 20 mL	
	10220 99 10 025	4 x 80 mL	
	10220 99 10 029	4 x 200 mL	
Alkaline Phosphatase FS IFCC 37 °C	10441 99 10 022	5 x 20 mL	1 x 25 mL
ASAT (GOT) FS (IFCC mod.)	12601 99 10 022	5 x 20 mL	1 x 25 mL
	12601 99 10 025	3 x 80 mL	1 x 60 mL
	12601 99 10 029	3 x 200 mL	1 x 150 mL
Bilirubin Auto Direct FS	10821 99 10 022	5 x 20 mL	1 x 25 mL
Bilirubin Auto Total FS	10811 99 10 021	5 x 20 mL	1 x 25 mL
Calcium P FS	11181 99 10 920	4 x 38 mL	4 x 11 mL
Cholesterol FS 10'	11300 99 10 022	6 x 20 mL	
	11300 99 10 025	4 x 80 mL	
	11300 99 10 029	4 x 200 mL	
Creatinine FS	11711 99 10 022	5 x 20 mL	1 x 25 mL
	11711 99 10 025	3 x 80 mL	1 x 60 mL
	11711 99 10 029	3 x 200 mL	1 x 150 mL
Gamma-GT FS (Szasz mod./IFCC stand.)	12801 99 10 022	5 x 20 mL	1 x 25 mL
Glucose GOD FS	12500 99 10 022	6 x 20 mL	
	12500 99 10 025	4 x 80 mL	
	12500 99 10 029	4 x 200 mL	
Glucose Hexokinase FS	12511 99 10 022	5 x 20 mL	1 x 25 mL
	12511 99 10 025	3 x 80 mL	1 x 60 mL
	12511 99 10 029	3 x 200 mL	1 x 150 mL
HDL-C Immuno FS	13521 99 10 920	4 x 38 mL	4 x 11 mL
LDL-C Select FS	14121 99 10 921	4 x 23 mL	4 x 7 mL
Magnesium XL FS	14610 99 10 921	4 x 23 mL	
Total Protein FS	12311 99 10 022	5 x 20 mL	1 x 25 mL
Triglycerides FS 10' version	15710 99 10 022	6 x 20 mL	
	15710 99 10 025	4 x 80 mL	
	15710 99 10 029	4 x 200 mL	
Urea FS	13101 99 10 022	5 x 20 mL	1 x 25 mL
	13101 99 10 025	3 x 80 mL	1 x 60 mL
	13101 99 10 029	3 x 200 mL	1 x 150 mL
Uric Acid FS TBHBA	13021 99 10 022	5 x 20 mL	1 x 25 mL
	13021 99 10 025	3 x 80 mL	1 x 60 mL
	13021 99 10 029	3 x 200 mL	1 x 150 mL
Control and Calibrator			
TruCal Lipid	13570 99 10 045	3 x 2 mL	
TruCal U	59100 99 10 064	6 x 3 mL	
TruLab L level 1	59020 99 10 065	3 x 3 mL	

USER FRIENDLY REAGENTS FOR RELIABLE RESULTS

- Liquid stable, ready-to-use reagents.
- Wide measuring ranges. Excellent linearity.
- Minimized interferences. Advanced lipid clearing system.
- Excellent stability on shelf and on board. Extended calibration stability.
- Standardized to international reference material or method.





Technical specification of **Clima MC-15**

CALCULATION

Automatically memories the reading, makes the calculations and even extrapolates details about calibration curves and displays the results, and prints them out with the sample identification number and flags, if any. Automatic zeroing. Storage of zeros and calibration.

THERMOSTATIC GROUP

Four positions reaction zone and the read zone are thermostated at r.t. or at 37°C, with a drift of 0.2°C

OPTICAL GROUP	
Optical type	Mobile head with halogen lamp, filter rotor, solid photocell, and filters rotor motor
System type	High resolution, mono and bichromatic system
Spectral range	320 - 650 nm
Incorporated filters	340, 405, 500, 546, 578, 630, and 670 nm
Band path	< 8 nm
Detector	Solid state
Light source	Halogen lamp 20W
Photometer noise max	± 0.001 OD at 1.5 OD at 340 nm
Drift	< 0.005 OD/h
Photometric linearity	better than 1%
Photometric accuracy	± 0% 0 - 2.5 OD

DIGITAL OPERATIVE SYSTEM	
Readings	Absorbances, Concentrations, Kinetics, Fixed Time, Ratio, Differential, and Multistandard
Measurements	Batches, Random Access, and Profiles
Information display	Alphanumeric 4x40 characters LCD display
	Completely programmed from alphanumeric keyboard
	Easy instrument-operator communication
Reading range	0 - 2.5 OD
Reproducibility	± 1 digit
Memory method	60 memory positions
Reading volume	500 µl
Computer connection	RS 232 C

PHYSICAL PROPERTIES	
Power	AC 220 V. 50 Hz. 200 W
Dimensions	58 x 57 x 20 cm
Weight	20 kg



Supported by

PT PRODIA DIAGNOSTIC LINE

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