



StarDust MC15

AUTOMATED PHOTOMETER

- :: Fast
- :: Reliable
- :: Easy to use



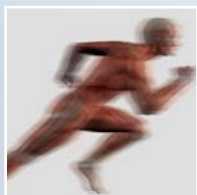
TAKE ADVANTAGE OF SPEED AND VERSATILITY

StarDust MC15 – Extremely fast for your lab



The StarDust MC15 is an automated photometer designed for small, medium, large and emergency laboratories due to its speed and versatility. Its simultaneous processing of a multi-cuvette strip allows the reading of **15 endpoint chemistries in only 1 minute** or **15 kinetic chemistries in only 4 minutes**.

Batch, random access and profile modes allow to perform sample analysis according to the different laboratory needs for sample workflow.



15 endpoints in 1 minute = Endpoints 900/hour

15 kinetics in 4 minutes = Kinetics 225/hour

e.g. for the following workload 16 ASAT, 16 ALAT, 12 LDH, 15 CK-NAC, 8 GGT, 8 ALP

> the total time needed on a flow-through photometer is 5 hours

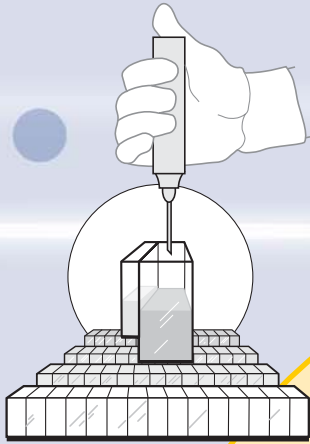
> the total time needed on the StarDust MC15 is **only 20 minutes**

Speed up your daily work

Fast by easy handling

Integrated incubation, automated mixing, measuring and documentation. Only sample and reagent pipetting required.

Three steps to result



The cuvettes have two different compartments for sample and reagent making subsequent processing steps easy and convenient



1. incubate

Four strips of 15 multicuvettes can be incubated at 37 °C in parallel



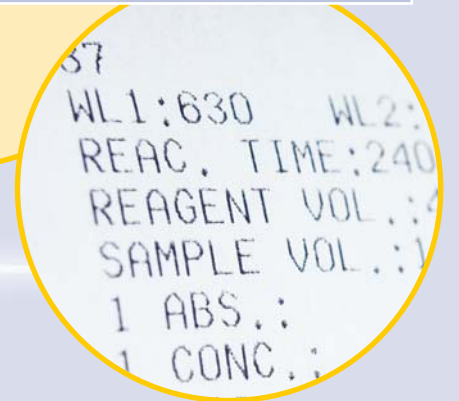
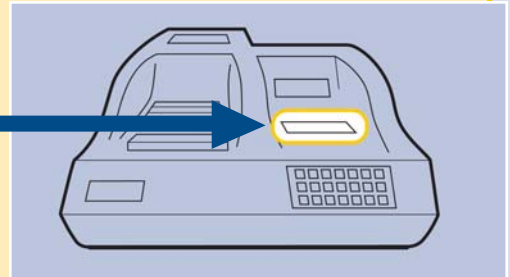
2. mix sample and reagent

Standardized mixing time guarantees perfect homogenization of sample and reagent



3. measure

Fast reading of 15 endpoint chemistries in only one minute or 15 kinetic chemistries in only 4 minutes



Results are given in the measurement units chosen (during the programming phase) and can be printed out via the integrated thermo printer or read out via the RS232 C interface.

In a convenient way

Enjoy the versatility

- :: All clinical chemistry and immunoturbidimetric assays
- :: Pre-programmed for DiaSys reagents
- :: No need to evaluate reagents
- :: Free channels for specific methods
- :: Simultaneous reading of 15 cuvettes
- :: Standardized mixing
- :: Temperature controlled incubation

Take advantage of its economy

- :: Small reagent volumes
- :: No daily maintenance or start up procedures – immediately available for use
- :: No lengthy system cleaning procedures
- :: No special water supply or electricity supply necessary – can be placed in any laboratory

With reliable results



Batch mode

One parameter and different samples in the cuvette strip. Very large batches can be performed.

Random mode

Different tests on different samples can be performed automatically within the same cuvette strip. It is possible to analyze substrates and enzymes etc. at the same time.

Profile mode

Testing of profiles allows the analysis of 15 different parameters from the same serum. Ideal for stat emergency samples as well as for laboratories with a small workload.

Rely on proven technology



Small to medium labs

If your workload can not be performed adequately with your photometer

- :: you need a small analyzer.

The high throughput of StarDust MC15 makes additional time available for other areas of laboratory work.

Bigger labs

If your automatic analyzer has too little capacity

- :: use the StarDust MC15 as back-up for emergency samples, batches or individual patients.

Emergency use

If you need fast and easy access

- :: StarDust MC15 is excellently suitable because no start up procedure is necessary. StarDust MC15 is immediately ready for sample testing as the random and profile modes make it ideal for this purpose.

StarDust MC15

Technical specifications

Spectral range	320 – 670 nm
Standard filters	340, 405, 500, 546, 578, 630, 670 nm (free space for one additional filter)
	Monochromatic and bichromatic readings
Band width	Less than 8 nm
Light source	20 W Halogen lamp
Photometric accuracy	± 2 % from 0 – 2.5 Abs.
Minimum reagent volume	400 µL
PC connection and software	External connection RS232 C External software available on request in different language versions
Power source	AC 220 V, 50 Hz; 200 VA AC 120 V, 60 Hz; 200 VA (optional)
Dimension	58 cm (W) x 57 cm (D) x 20 cm (H)
Weight	20 kg

These specifications are subject to change without notice

Handed over by



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