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

Highest Flexibility According to Your Special Needs

Small to medium labs
If your workload cannot 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 StarDust MC15 as back-up instrument for e. g. batch or individual patient testing to increase laboratory flexibility.
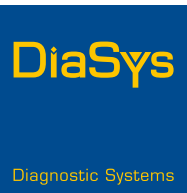
Emergency use
If you need fast and easy access
· StarDust MC15 is excellently suitable e. g. for STAT sample processing, because no time consuming start up procedure is necessary. StarDust MC15 is immediately ready for testing after initialization which makes it ideal for emergency samples.

Handed over by:

DiaSys
Diagnostic Systems

CHOOSING QUALITY.

StarDust MC15
True Semi-Automated Photometer

· **Fast**
· **Reliable**
· **Easy to use**

Take Advantage of Speed and Versatility

DiaSys
Diagnostic Systems
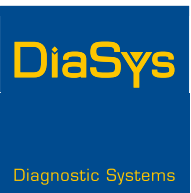
CHOOSING QUALITY.

StarDust MC15 – Extremely Fast and Versatile

StarDust MC15 is a semi-automated photometer for almost any laboratory set-up. Its simultaneous processing of multi-cuvette strips allows 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 different laboratory needs thus improving sample workflow.

Speed Up Your Daily Work

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

Three steps to result

1. Incubate
Four strips of 15 multi-cuvettes may 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 just four minutes.

The cuvettes consist of two compartments for sample and reagent which makes subsequent processing steps easy and convenient.

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

In a Convenient Way

Enjoy the versatility
· Pre-programmed for DiaSys reagents
· No need for reagent and method evaluation
· All clinical chemistry and immunoturbidimetric assays
· Free channels for specific methods
· Standardized mixing
· Temperature controlled incubation
· Simultaneous reading of 15 cuvettes

Take advantage of its economy
· Small reagent volumes
· No daily start up procedures – immediately available for use
· Minimized cleaning procedures
· No water supply needed
· Almost maintenance free

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 tested automatically within the same cuvette strip. It is possible to analyze substrates, enzymes and immunoturbidimetric assays at the same time.

Profile mode
Testing of profiles allows the analysis of 15 different parameters from the same specimen. Ideal for STAT emergency samples as well as for laboratories with a small workload.