scil Reflovet® Plus

Technical Data and Specification

The scil Reflovet® Plus was designed to provide its user with fast and accurate results. Due to its technical features, it is the ideal laboratory instrument for every vet looking for a flexible, cost efficient and reliable clinical chemistry analyser:

Measurement Principles

Sample volume:	32 µl whole blood, plasma or serum
Time to result:	approx. 2 - 3 minutes
Measuring temperature:	25°C, 30°C or 37°C
Measuring principle:	reflectance measurement based on the colour change in the test strips
Light source:	light-emitting diodes (LED)
Wavelengths:	567 nm, 642 nm, 951 nm

Data Processing

Printout:	integrated printer
Data interface:	RS 232
Display of values:	conventional or SI units

Technical Data

Power supply:	AC 110 V - 240 V
Dimensions:	300 x 350 x 210 mm
Weight:	approx. 5.3 kg

Parameters

ALP	Cholesterol	Glucose	Potassium
Amylase	CK	GOT (AST)	Triglycerides
Bilirubin	Creatinine	GPT (ALT)	Urea
BUN	GGT	Hemoglobin	Uric Acid

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scil Reflovet® Plus

The Fast and Reliable Clinical Chemistry Analyser

Offers Exceptional Service with Rapid Diagnosis and Immediate Treatment to your Customers!

scil Reflovet® Plus
for Fast and Reliable Results

The scil Reflovet® Plus is a compact, user friendly chemistry analyser that allows you the flexibility to run only the tests you really need. Results are expedited thanks to the option to run the tests directly from whole blood – there are no time consuming steps of sample centrifugation and separation necessary. You will improve owner satisfaction as laboratory results are available within only 2-3 minutes and appropriate therapy can be started immediately. Providing accurate results with proven reliability, the scil Reflovet® Plus will be an excellent revenue generating addition for the services you provide your customers.

These features make the scil Reflovet® Plus the ideal analyser for every veterinary clinic.

Precise

Trust in absolutely accurate and reliable results!
Test and lot specific calibration data are recognised by the analyser from a magnetic strip on the back of each Reflotron® reagent strip. The proven technology of dry chemistry photometry guarantees absolutely accurate and reliable results.

Fast

Get results with only three simple steps!
No matter what the situation might be - an emergency patient requiring rapid diagnosis or a weekend case - the scil Reflovet® Plus will give you an answer within only minutes. Treatment and therapy can be started directly without losing valuable time waiting for laboratory results.

Flexible

Customise the tests you run to your diagnostic needs!
The Reflotron® parameter list covers all important clinical chemistry parameters. A selection of individual tests can be chosen to customise the analysis for the patient's specific medical condition. All Reflotron® parameter strips come in small package sizes and have a long shelf-life.

1. Apply 32 µl of whole blood, serum or plasma

Pipette 32 µl of whole blood, serum or plasma onto the reagent test strip. Since the device can carry out direct analyses of whole blood, it is not necessary to go through time-consuming centrifugation of the sample to separate serum or plasma.

2. Insert test strip into the analyser

Insert the test strip into the measuring chamber of the scil Reflovet® Plus and close the measuring chamber lid. The analyser recognises the strip automatically, determines which parameter has to be measured and starts the analysis.

scil Reflovet® Plus
Only Three Steps Lead to the Analytical Result

3. Read the precise and accurate results

After 2-3 minutes, the scil Reflovet® Plus will both print and display the results. Direct automatic transfer of the results to all standard veterinary practice management programs is also possible.