

Technical Specifications

Assay types:

End-point, Multi-Standard, kinetic, Two-point, Kinetic with standard, Absorbance, Sample blank and Dual wavelength.

Wavelength range:

330-800nm; Interference light filter 340, 405, 510, 546, 578, 630nm and two free position for optional filters.

Light Source:

6V/10W, Halogen lamp, >3000 work hours, auto dormancy function.

Flow Cell:

Ceramic frame with quartz window, 30 μ l flow volume.

Temperature Control:

25,30,37°C & RT

Aspiration Volume:

300 -3000 μ l.

Measuring range:

-0.3000 - 3.0000 Abs.

Resolution:

0.001 Abs (display), 0.0005 Abs (internal computing).

Accuracy:

CV < 1%, Stability < 0.005 Abs/H

Incubator:

Heating System : DRY, Thermostatic

Temperature : 37°C

Stabilizing Time : 30 Minutes

Thermostatic block : 13 places for Standard Test Tubes

Storage Capacity:

200 test items, 1060 test records, 31 days Q.C.

Man-Machine Interface:

12 cm x 9 cm display touch screen.

Display:

Item parameters, processed data, live reaction curve, Q.C. records.

Communication:

RS232C bi-directional communication, optional MODEM.

Report Printer:

Built-in 57mm High-speed thermal matrix printer.

Environment:

Ambient temperature 5 - 40°C,
Relative humidity < 90%.

Power Supply:

AC150-260V, 50Hz, < 100VA.

External Dimensions:

500(L) x 340(W) x 138(H)mm.

Weight:

7Kg.

Local Contact



Exclusively Marketed By:

Aspen Diagnostics Pvt. Ltd.

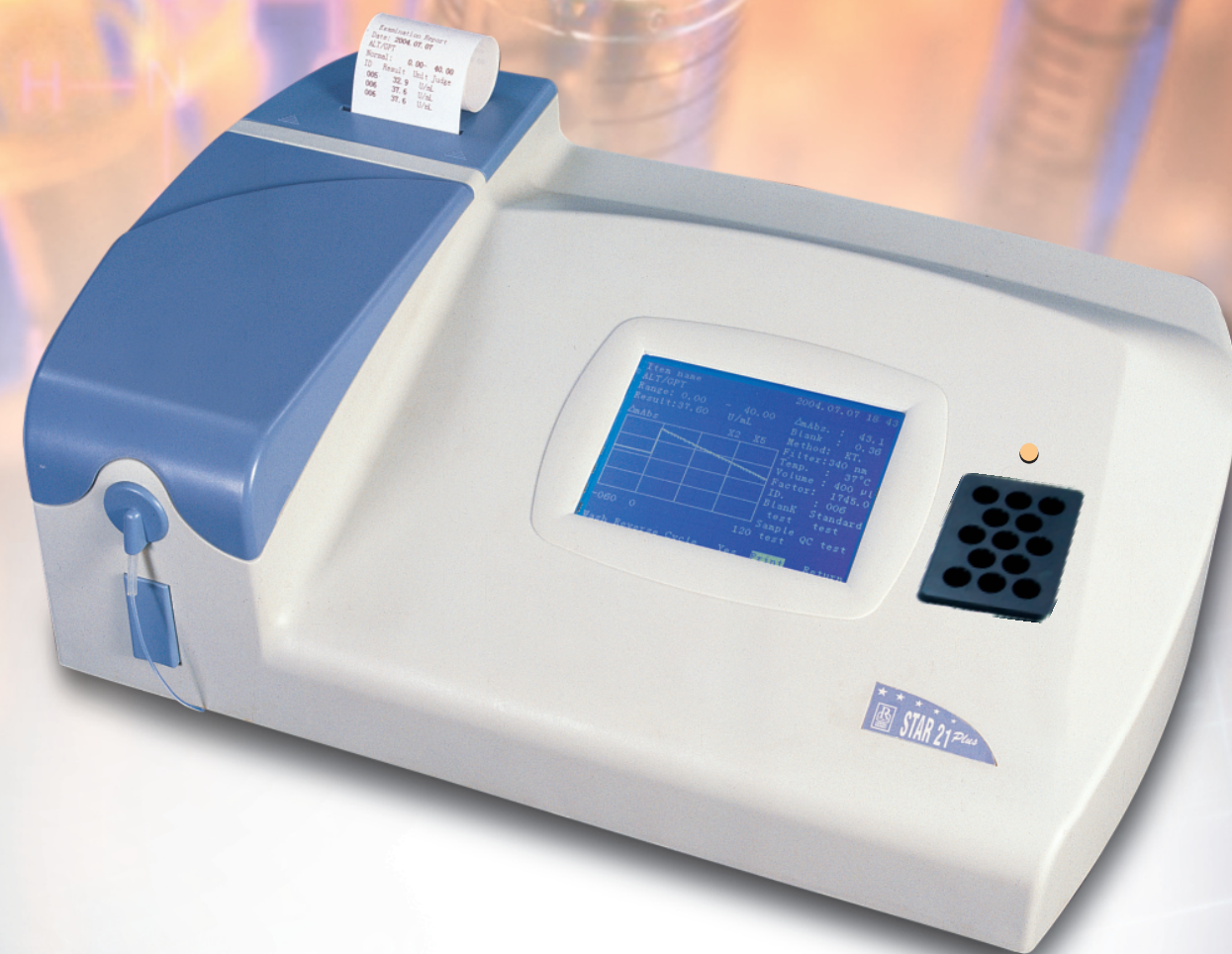
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STAR 21^{Plus}

Biochemistry Auto Analyser



Analyser for present & next Generation



Aspen Diagnostics Pvt. Ltd.



★ ★ ★ ★ STAR 21 Plus

Biochemistry Auto Analyser



Collated Patient Report:

Stored results can be retrieved date wise, patient ID wise or Test wise.

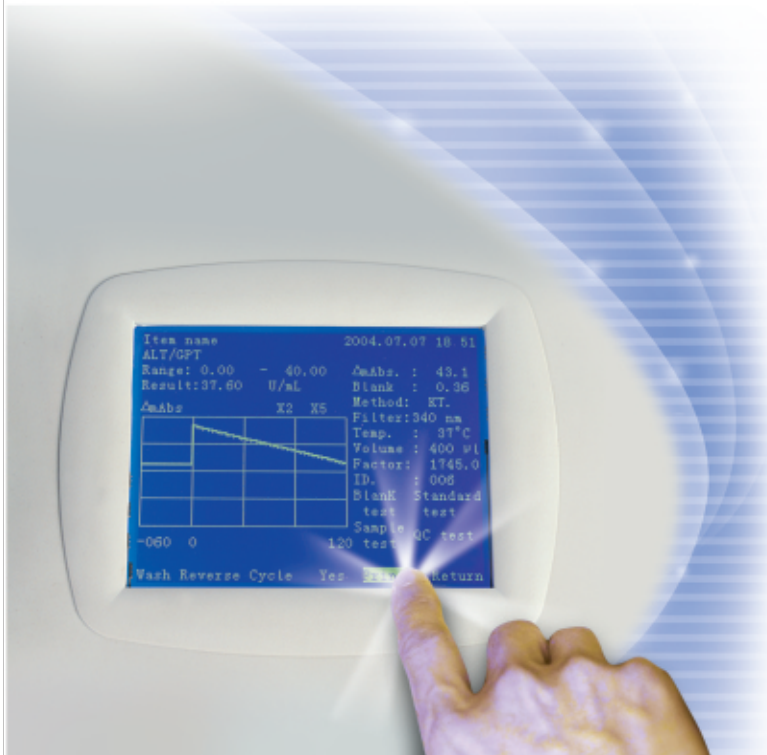
The Star 21 Plus has a special cover for maintenance purposes, making it easier for changing user-serviceable parts.



Discover the simplicity of operating **Star 21 Plus** with the latest software. The software guides you through the menus in a logical and intuitive way.

Quality Control results are stored in memory and are clearly displayed on the screen. The software calculates the mean, standard deviation and coefficient of variation. Validation and display of the Levy - Jenning plot are also included.

Bi-directional Host Connection allows the analyser to download parameter settings, system parameters and software upgrades from the host computer and to transmit patient data to the data management system.



Touch Screen

The interactive touch screen makes Star 21 Plus instrument more user friendly. Any operation can be performed by a gentle press.

300 µl Aspiration Volume

Most economical-made possible by use of 30 µl flow cell volume. Measuring range of the instrument is -0.300 - 3.000 OD.

Online Graph

At the time of testing Star 21 Plus analyser will display live reaction curve, which helps to judge the quality of reaction in kinetic and two point method.

1000 Test Storage Capacity

Star 21 Plus has storage capacity of 200 test programmes, 1000 tests data & 31 days quality control data.

Reverse Cycle Cleaning

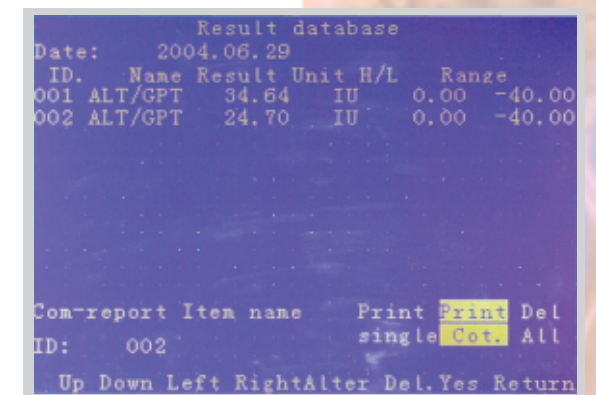
The Star 21 Plus instrument, with its reverse cycle rinse cleaning mode, aims to prolong life of flow cell, tubings and also saves cleaning solution.

Dormancy Mode

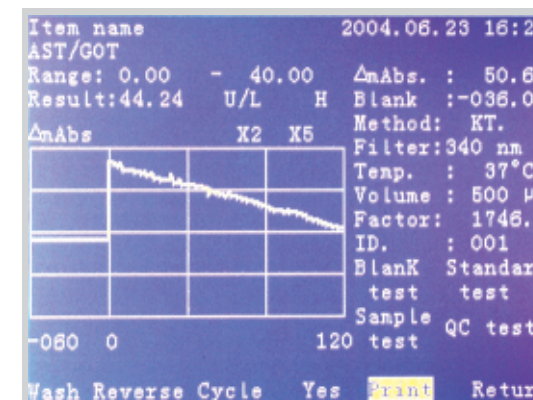
The Star 21 Plus instrument has dormancy programme mode which aims to prolong life of the lamp.

Quality Control Programme

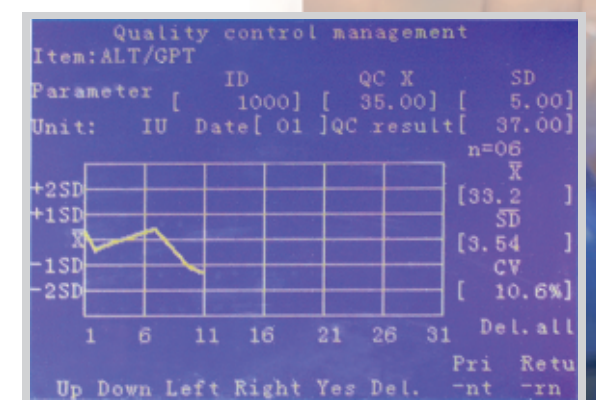
Quality Control results are stored in memory and are clearly displayed on the screen with Levy-Jenning plot.



RESULT DATABASE



LIVE REACTION CURVE



QUALITY CONTROL