NP-800C

Auto Chemistry Analyzer

High-throughput chemistry system



800
Tests per hour

160
Sample positions

160
Reaction cuvettes

System Design & Workflow

MULTIFUNCTIONAL PRECISION SAMPLING PROBE

- 3 separate needle probes. The inner and outer of needles are automatically cleaned with acidic and alkaline cleaning solution to reduce cross contamination and ensure the accuracy of measurement data.
- Dedicated sampling probe equipped with sensitive liquid sensor, timely feedback of reagent & sample residuals. Automatic adjustment of depth, intelligent collision protection, with automatic reset function.

EXCELLENT MIXER DESIGN

- Two separate mixers, make the reaction liquid well mixed.
- Teflon coating mixers. No water dropping (reducing carry-over).
- Flat paddle method stirring, rotary washing.
- Excellent mixing effect with standard mixing procedure.
- 90 reagent positions.

REAGENT & SAMPLE TRAY

- 160 sample positions, micro cup & test tube blood collection can be used.
- Non-stop cooling system, 24 hours 2 -14.
- Bar code reader(optional).

REACTION TRAY

- 160 reaction cuvettes.
- Water circulation reagent cooling, Reaction volume as low as 150 µl.
- Stable & accurate temperature (37±0.1) for reaction.
- 8-step automatic washing, clean thoroughly.

Advanced Operating System

- User friendly software interface simple, easy-to-operation.
- Sample automatic dilution(decrease, increase, normal).
- Reaction result automatic checking and warning, calibration result automatic checking, warning alarm log Linear & nonlinear calibration, Multi-points calibration up to 8 points.
- Quality control apply to westgard, L-T plot, cumulative.

Source-defined operating capabilities

Automatic dilution • result checking • calibration checking

Linear & nonlinear calibration • up to 8 calibration points

Westgard QC • L-T plot • cumulative QC

Product Advantages

800 1/H	Constant 800 test per hour with double reagent
Multi λ	multi wavelength simultaneous detection
Water bath	Maintenance free water bath circulating heating system
8-stage	8-stage, 2 times automatic washing system, Acid cleaning solution
Optical cups	New amorphous optical plastics reaction cups
Liquid sensing	Automatic liquid level sensing anti-collision protection
User friendly	Friendly surface and easy to operation
2 × 90	Double 90 reagent positions