Stat Profile PRIME PLUS – Support Quick Reference Guide

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Notice & Disclaimer: Information in this Guide is subject to change without notice based on product changes and updates. This guide is provided for training purposes only, and updates are not routinely sent out. Check with Nova Intl Support for updated guides periodically. This document does not supersede any official product literature; it should only be considered as a training supplemental information source for use by Nova-trained service & applications staff.

Models & Measured Tests:

STP Prime-Plus-- FULL MENU	pH, pO_2, pCO_2, Hb(m), SO_2% (m), Hct, Na+, K+, Cl-, iCa, Gluc, Lac, BUN, Creat, iMg O_2Hb, COHb, MetHb, HHb, FHb, TBili
STP Prime-Plus (Non COOx Menu)	pH, pO_2, pCO_2, Hb(m), SO_2% (m), Hct, Na+, K+, Cl-, ICa, Glu, Lac, BUN, Creat, iMg

System Sample Types:

Whole Blood (Arterial/Venous/Capillary/Mixed-Venous)

Serum / Plasma (non-Gas tests)

External QC Solutions (Nova & non-Nova)

Internal- Auto QC (cartridge)

Proficiency

CSF (limited tests)

Sample Analysis Time: Mode B: 1:35 minutes view time, 2 minutes next sample
                                           Mode A: < 1 minute

QC Analysis Time: 2:25 minutes

Sample Types (Patient/Blood Testing):

- ➤ Whole Blood
    - ○ Arterial
    - ○ Venous
    - ○ Mixed – Venous
    - ○ Capillary

- ➤ CSF/Dialysate:
    - ○ Only available for limited non-FDA markets by special USB- activation.

- ➤ Only Other Sample Types:
    - O Pending- at product release.

Calibration & Hydration Information; Analysis Time/Throughput:

Calibration Information:

     Main 2 pt. Cal Cycle (Time):   Approx. 5 Minutes (ABG/CCS/CCS-C/Vet CCS/C)

     Two Point Calibration: 2-Hours FIXED

- ➤ Calibration suspended (turned off) in 'Stand-By Mode'.

- ➤ One-Point Calibration- OPTIONS:
    - • **Mode B-Type:** Done w/ each sample analysis (checks all parameters Inc. gases)

    - • **Mode A-Type:** Provides 30 min 'window' where samples run w/out 1-pt cal. Requirements
        - ◆ Even if selected, system can only enter this cycle 24 hours post hydration
        - ◆ Also ALL card tests must be calibrated to enter into cycle, AND
        - ◆ Also requires two (2) error free analysis cycles for all parameters.

General Note: Sensor Card and Calibrator Cartridges Usage Information:

Unscheduled Calibrations (any manual calibration outside the normal 2 hour schedule) will decrease both the number of Remaining Samples & overall percent remaining (will decrease by 1 sample per calibration and an associated percentage).

PORTS/COMMUNICATION/SW/STORAGE:

Interfaces: RS232, TCP/IP

Operating Temperature Range: 15 °C – 32 °C

Electrical Power Requirement: < 90 Watts

Physical Dimensions   Height: 45,7 cm (18,2 in)
Width: 35,6 cm (14,2 in)
Depth: 39,1 cm (15,5 in)
Weight 15,88 kg (35 lb) (without reagent packs)

Printer: Onboard thermal printer

Communications Protocols: ATSM, HL7, POCT01-A2 connectivity format

Memory Storage Capability:

Patient/QC Storage: Min Spec Essentially UNLIMITED - (Hard Drive & Multiple Archive files available).

Software
Loaded by- USB Memory Stick- Type 3 USB preferred, USB 2.0 Minimum. Languages selectable on analyzer; no software change required

AVAILABLE:
English/German/Spanish/Italian/Japanese/Chinese/Turkish/Hungarian/French/Portuguese/Russian/Korean/Czech/(Polish)

USB Port: REAR of System (Used Only for SW Loading & Data Archive/Backup).

        To Load New System SW:

        > Access Service Menu Software Version-

        > Choose option for loading new SW.

        > Plug in USB stick until recognized; follow on-screen instructions.