

STAT PROFILE®
Prime

Simplicity in Cell Culture Chemistry Monitoring

Introducing a new generation cell culture analyzer that combines the revolutionary micro-electronics of the consumer world with Nova Biomedical's innovative MicroSensor Card™ technology for a simpler, smaller, faster, and less expensive chemistry analyzer.

9-Test Menu

pH, PCO₂, PO₂
Na⁺, K⁺, Cl⁻, Ca⁺⁺
Gluc, Lac

ZERØ™ Maintenance Cartridge Technology

32-day use life and replacement
in seconds

High Throughput, Low Sample Volume

Up to 45 samples per hour
Sample volume: 100 µL

Automated, True Liquid QC

On board liquid QC levels are
coupled with continuous electronic
self-monitoring

Compact Size

Height: 39.1 cm
Width: 30.5 cm
Depth: 36.2 cm



MicroSensor Card
6.35 cm x 5.0 cm (2.5 in x 2 in)

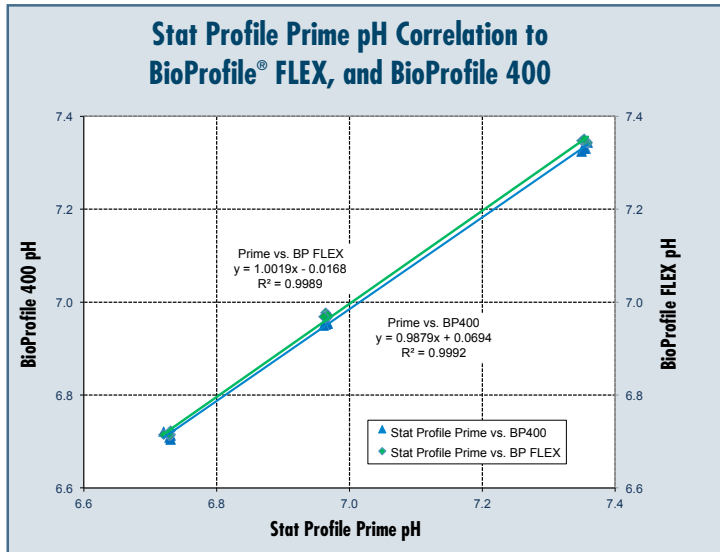
ZERØ™ Maintenance Cartridge Technology



Snap-in cartridges are easy to replace and avoid prolonged calibrations common to older, cartridge-based systems.

Onboard QC cartridges perform quality control automatically, saving time and labor.

Excellent Correlation to Other BioProfile Analyzers



Maximum Analyzer Uptime and Readiness

Stat Profile Prime is always ready to deliver a 9-test profile in just 60 seconds. Calibration and QC are performed automatically to maintain constant readiness.

Stat Profile Prime cartridges add a significant benefit in analyzer up-time. Each cartridge is ready to use and easily replaced in seconds, compared to the hour or more needed for older cartridge systems.

Improves Workflow

Stat Profile Prime eliminates the sample-to-sample delay common to older cartridge systems. In settings where back-to-back sampling is common, the Stat Profile Prime can analyze 4 samples in only 5 minutes. Other analyzers require up to 18 minutes to provide the same results.

Flow Path Protection

Unique probe and flow path protects the analyzer from flow path blockages.

Compact, Portable Size

Stat Profile Prime is one of the smallest and lightest cell culture analyzers. It is so compact it can be located anywhere in the facility or operated on a mobile cart.



Measurement Ranges

pH	6.50 - 8.00	Cl ⁻	50 - 200 mmol/L
PCO ₂	3.0 - 200 mmHg	Ca ⁺⁺	0.2 - 2.7 mmol/L
PO ₂	5 - 765 mmHg	Gluc	0.15 - 5.0 g/L
Na ⁺	80 - 200 mmol/L	Lac	0.4 - 20 mmol/L
K ⁺	1 - 20 mmol/L		(0.04 - 1.80 g/L)

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