

Anexa Nr. 6 Analizator automat ale gazelor si electrolitilor în sange, Stat Profile Prime, Nova Biomedical

Descriere	Analizator de gaze si electrolitilor în sange complet automat, utilizat în secția de reanimare pentru diagnosticarea rapidă a stării pacienților în stare critică		
Parametrul		Specificația solicitata	Specificația ofertata
Tip analizator	Sistem de tip deschis		da
	Complet automat		da
Tip proba	Ser		da
	Plasma		da
	singe	arterial	da
		venos	da
		capilar	da
Volum proba	Seringa		≤ 200 μL
	Capilar		≤ 100 μL
Tip analize minime	Gaze in singe	pH	da
		pCO2	da
		pO2	da
	Electroliti	Na+	da
		K+	da
		Ca++	da
		Cl-	da
	Metaboliti	Glucoza	da
	CO- oximetry	Hct	da
Spalare automata		da	
Detector de cheag de singe		da	
Calibrare pentru toti parametrii masurati	Automat		da
	Manual		da
	Printarea rezultatelor de calibrare la necesitate		da
Control intern (QC)	Automat		da
	Manual		da
Analiza	Durata analizei		≤ 2 min.
data storage	Date analize		min. 500 inregistrari
	Date calibrari		
Reagenti	Forma de reagenti		cartus
	Validitatea de la deschidere		min. 27 zile
	Numarul de teste disponibile intr-un singur cartus		≥ 150 teste
Display	Touchscreen		da
	LCD sau LED		da
Cititor de bar cod		da	da
Imprimanta termica		da	da
Data management		da	da
Interfata PC		da	da
UPS inclus, pentru mentinerea functionarii analizatorului in caz de intrerupere acccidentata a luminii cit si de protejare in cazul fluctuatiei de lumina		≥20 min.	da
Reagenti			
Cartuse necesare pentru		≥ 8000 teste / pacienti	8000 teste / pacienti
Perioada de valabilite a reagentilor din momentul livrarii		≥ 6 luni	≥ 6 luni
Hirtie termica		5 buc.	5 buc.

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

ZERO™ Maintenance Cartridge Technology

16-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: 15.38 in (39.1 cm)
Width: 12 in (30.5 cm)
Depth: 14.35 in (36.2 cm)



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

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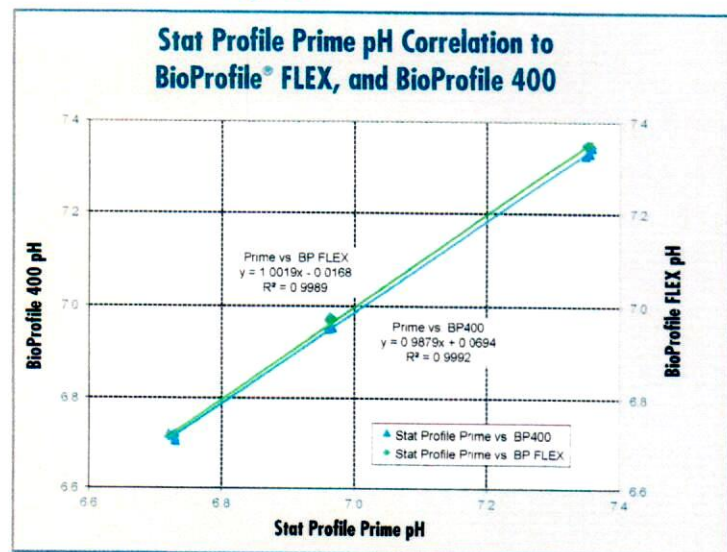
ZERØ™ Maintenance Cartridge Technology



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 uptime. Each cartridge is ready to use and easily replaced in seconds, compared to the hour or more needed for older cartridge systems.

Improves Workflow

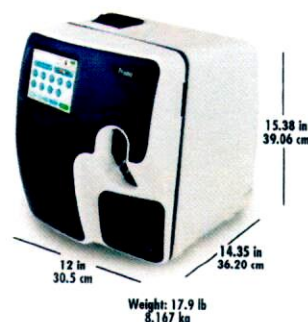
Stat Profile Prime eliminates the sample-to-sample delay common to older cartridge systems. In settings where back-to-back sampling is common, the Stat Profile Prime can analyze 4 samples in only 5 minutes. Other analyzers require up to 18 minutes to provide the same results.

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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Specifications subject to change without notice.

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Product Service

Certificate

No. Q5 020747 0242 Rev. 00

Holder of Certificate: **Nova Biomedical Corporation**

200 Prospect Street
Waltham MA 02454
USA

Certification Mark:



Scope of Certificate:

Design and Development, Production, Distribution, Installation, Servicing and Technical Support of In-Vitro Diagnostic Clinical Chemistry and Hematology (Co-Oximeter) Medical Devices including Near Patient / Point of Care Analyzers, Calibrators, Controls, Reagents, Sensors, Kits used in the Detection of Blood Analytes, Electrolytes, pH, Metabolites; Self Testing and Near Patient / Point of Care In-Vitro Diagnostic Devices for the Management of Diabetes Blood Glucose, Ketone, Cholesterol and Uric Acid, including Meters, Test Strips and Controls; Self Testing In-Vitro Diagnostic Medical Devices for the Determination of the percent Hemoglobin A1c (HbA1c), Total Cholesterol, High Density Lipoprotein (HDL) Cholesterol and Triglycerides in Whole Blood, and Albumin and Creatinine in Urine including Analyzers, Test Cartridges and Controls; Contract Manufacturing of Electronic Medical Devices; Contract Manufacturing of Disposable Medical Devices; and Distribution of Lancets

The Certification Body of TÜV SÜD Product Service GmbH certifies that the company mentioned above has established and is maintaining a quality management system, which meets the requirements of the listed standard(s). All applicable requirements of the testing and certification regulation of TÜV SÜD Group have to be complied with. For details and certificate validity see: www.tuvsud.com/ps-cert?q=cert:Q5 020747 0242 Rev. 00

Report No.: 72166286

Valid from: 2021-10-29

Valid until: 2024-10-28

Date, 2021-10-29

Christoph Dicks

Head of Certification/Notified Body

Certificate

No. Q5 020747 0242 Rev. 00

Applied Standard(s): EN ISO 13485:2016
Medical devices - Quality management systems -
Requirements for regulatory purposes
(ISO 13485:2016)
DIN EN ISO 13485:2016

Facility(ies): Nova Biomedical Corporation
165 Lexington Road, Billerica MA 01821, USA

Production of Near Patient / Point of Care, and Self-Testing Meters
for the Management of Diabetes Blood Glucose, Ketone,
Cholesterol and Uric Acid.

Nova Biomedical Corporation
39 Manning Road, Billerica MA 01821, USA

Production of Near Patient / Point of Care, and Self-Testing Test
Strips for the Management of Diabetes Blood Glucose, Ketone,
Cholesterol and Uric Acid.

Distribution of Near Patient / Point of Care, and Self-Testing Test
Strips, Meters and Controls. Distribution of Lancets.

Nova Biomedical Corporation
200 Prospect Street, Waltham MA 02454, USA

Design and Development, Production, Distribution, Installation,
Servicing and Technical Support of In-Vitro Diagnostic Clinical
Chemistry and Hematology (Co-Oximeter) Medical Devices
including Near Patient / Point of Care Analyzers, Calibrators,
Controls, Reagents, Sensors, Kits used in the Detection of Blood
Analytes, Electrolytes, pH, Metabolites; Self Testing and Near
Patient / Point of Care In-Vitro Diagnostic Devices for the
Management of Diabetes Blood Glucose, Ketone, Cholesterol and
Uric Acid, including Meters, Test Strips and Controls; Self Testing
In-Vitro Diagnostic Medical Devices for the Determination of the
percent Hemoglobin A1c (HbA1c), Total Cholesterol, High Density
Lipoprotein (HDL) Cholesterol and Triglycerides in Whole Blood,
and Albumin and Creatinine in Urine including Analyzers, Test
Cartridges and Controls; Contract Manufacturing of Electronic
Medical Devices; Contract Manufacturing of Disposable Medical
Devices



**Self-Declaration of Conformity To European Parliament and Council Directive 98/79/EC
In Vitro Diagnostic Medical Device Directive (IVDD)**

Product name: Nova Stat Profile Prime Analyzer System Family including Reagents, Calibrators and Controls

Catalog Numbers: List Attached (two pages)

Classification: Other/General

Near Manufacturer: Nova Biomedical Corporation
200 Prospect Street
Waltham, MA 02454 USA

Representative: William Jacques, Director of Regulatory and Quality

Authorized Representative: Nova Biomedical GmbH
Hessenring 13 A, Geb. G
64546 Mörfelden-Walldorf
Germany
Tel: +49 6105 4505-0

Conformity Assessment Route: Annex III

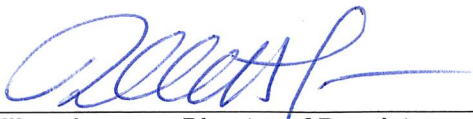
Nova Biomedical, Inc. declares that the products listed are in conformity with the provisions of the Council Directive 98/79/EC for in vitro diagnostic medical devices, including applicable essential requirements of Annex I for legal application of the CE Mark. All supporting documentation is retained under the premises of the manufacturer.

Nova Biomedical, Inc. declares that the electronic products listed are in conformity with the provisions of the Council Directive 2011/65/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

Standards Applied:

EN ISO 13485:2016	Medical devices. Quality management systems. Requirements for regulatory purposes
EN ISO 14971:2012	Medical devices – Application of risk management to medical devices
EN 61010-1:2010	Safety requirements for electrical equipment for measurement, control, and laboratory use -Part 1: General requirements
EN 61010-2:101:2015	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-101: Particular requirements for in vitro diagnostic (IVD) medical equipment

Signature:


William Jacques, Director of Regulatory and Quality



Date: Jul/22/2020

List of Catalog items covered:

Catalog Number	Product Name	GMDN Number	Global Medical Device Nomenclature (GMDN) Name	DIMDI EDMS Code
14631	Power Cord Int 230V	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
38846	Nova Biomedical Capillary Tube Clot Catcher	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
38883	Stat Profile Critical Care Xpress Syringe Clot Catcher	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
42032	Prime Sensor Card CCS	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
42033	Prime Sensor Card CCS Comp	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
42043	Prime Reference Cartridge	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
52484	Prime Pump Harness	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
52582	Prime Probe S Line 100 ul	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
52616	Prime Tubing L1 L2 L3	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
52617	Prime Tubing Harness ABG/CCS	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
52669	Prime Safety Sample Port 5 Pk	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
52703	Prime Acc Pack	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
52856	Prime CCS	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
52857	Prime CCS Comp	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
53418	Remanufactured Prime CCS	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
53420	Remanufactured Prime CCS Comp	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
53656	Prime CCS w/Scanner	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
53657	Prime CCS Comp w/Scanner	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
53666	Remanufactured Prime CCS w/ Scanner	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
53667	Remanufactured Prime CCS Comp w/ Scanner	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
55263	Prime Sensor Card CCS (High Volume)	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
55264	Prime Sensor Card CCS Comp (High Volume)	56672	Point-of-Care blood gas/haemoximetry analyser IVD	21-02-02
42031	Prime Sensor Card ABG	56671	Point-of-Care blood gas analyzer IVD	21-02-02
52855	Prime ABG	56671	Point-of-Care blood gas analyzer IVD	21-02-02
53421	Remanufactured Prime ABG	56671	Point-of-Care blood gas analyzer IVD	21-02-02
53655	Prime ABG w/ Scanner	56671	Point-of-Care blood gas analyzer IVD	21-02-02
53665	Remanufactured Prime ABG w/ Scanner	56671	Point-of-Care blood gas analyzer IVD	21-02-02
55262	Prime Sensor Card ABG (High Volume)	56671	Point-of-Care blood gas analyzer IVD	21-02-02
25217	Linearity Standard Set A Levels 1,2,3,4 Multipack	52860	Multiple blood gas/haemoximetry/electrolyte analyte IVD, control	11-50-90-01-00
55229	Nova Linearity Level 1,2,3,4	52860	Multiple blood gas/haemoximetry/electrolyte analyte IVD, control	11-50-90-01-00
56198	Linearity Standard Set G Multipack	52860	Multiple blood gas/haemoximetry/electrolyte analyte IVD, control	11-50-90-90-00

Catalog Number	Product Name	GMDN Number	Global Medical Device Nomenclature (GMDN) Name	DIMDI EDMS Code
45150	Prime Auto QC Cartridge CCS 200 Sample	52860	Multiple blood gas/haemoximetry/electrolyte analyte IVD, control	11-50-90-01-00
52714	Prime Ampuled Control ABG/CCS	52860	Multiple blood gas/haemoximetry/electrolyte analyte IVD, control	11-50-90-01-00
52864	Prime Auto QC Cartridge CCS 300 Sample	52860	Multiple blood gas/haemoximetry/electrolyte analyte IVD, control	11-50-90-01-00
53107	Prime Auto QC Cartridge ABG 200 Sample	52860	Multiple blood gas/haemoximetry/electrolyte analyte IVD, control	11-50-90-01-00
53108	Prime Auto QC Cartridge ABG 300 Sample	52860	Multiple blood gas/haemoximetry/electrolyte analyte IVD, control	11-50-90-01-00
53455	Prime Auto QC Cartridge CCS 100 Sample	52860	Multiple blood gas/haemoximetry/electrolyte analyte IVD, control	11-50-90-01-00
53456	Prime Auto QC Cartridge ABG 100 Sample	52860	Multiple blood gas/haemoximetry/electrolyte analyte IVD, control	11-50-90-01-00
52427	Prime Calibrator Cartridge CCS Comp 300 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
52861	Prime Calibrator Cartridge CCS Comp 100 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
52862	Prime Calibrator Cartridge CCS 100 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
52863	Prime Calibrator Cartridge CCS 300 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
53104	Prime Calibrator Cartridge ABG 100 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
53105	Prime Calibrator Cartridge CCS Comp 400 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
53359	Prime Calibrator Cartridge ABG 300 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
53360	Prime Calibrator Cartridge ABG 200 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
53364	Prime Calibrator Cartridge CCS 200 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
53365	Prime Calibrator Cartridge CCS Comp 200 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
53463	Prime Calibrator Cartridge ABG 400 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
53464	Prime Calibrator Cartridge ABG 500 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
53465	Prime Calibrator Cartridge ABG 600 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
53466	Prime Calibrator Cartridge CCS 400 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
53467	Prime Calibrator Cartridge CCS 500 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
53468	Prime Calibrator Cartridge CCS 600 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
53469	Prime Calibrator Cartridge CCS Comp 500 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
53470	Prime Calibrator Cartridge CCS Comp 600 Sample	52859	Multiple blood gas/haemoximetry/electrolyte analyte IVD, calibrator	11-04-04-03-00
52865	Stat Profile Prime Calibrator Flush Fixture	56672	Point-of-Care blood gas/haemoximetry analyzer IVD	21-02-02