

NormaChem 200 Clinical Chemistry Analyzer

Technical Data

200, up to **275** tests/hour throughput with optional ISE
End point, Kinetic, Immunoturbidimetry, Fixed time, Monochromatic,
Bi-chromatic & Multi-standard Analysis

44 sample positions for primary tubes, liquid level detection
and probe **collision protection**
3 μ L~30 μ L **sample volume**, programmable in 0.1 μ L steps
Probe cleaning inside and outside, carry over < 0.1%
Optional built-in bar code reader

44 flexibly defined **reagent positions** for Single & Dual reagents
Refrigerated reagent compartment, 24 hours non-stop cooling,
tray can be removed
35mL and 20mL reagent bottles, slope bottom design, low dead volume
Programmable reagent volume: 150 μ L ~300 μ L, in 0.1 μ L steps
Reagent **pre-heating**, inventory checking
Real time monitoring of residual reagent volume



- Fully automated
- Random access
- Benchtop, small footprint

icon



An Iconic laboratory device that sets new standards
in terms of features, functions and style. A unit that
combines cutting edge technology with a fresh and
inspiring design. Technology of yesterday is industrial
history tomorrow. Norma Icon 's innovations* will change
the future of hematology. There is no other analyzer
like Norma Icon.

Norma Icon is ideal for cost sensitive, environment conscious users, open to embrace new solutions based on
innovative technology* and trendsetting design.

Technical Data

Parameters: WBC, LYM, MID, GRN, LYM%, MID%, GRN%, HGB, RBC, HCT,
MCV, RDW, MCH, MCHC, PLT, MPV, PCT, PDW

Histograms: WBC, RBC, PLT

Sample volume: 9.0 μ l whole blood (with EDTA)

Throughput: 60 tests per hour

Measuring technology: Volumetric Impedance method with
Microfluidic chip

Accuracy: WBC: 3%, RBC: 2%, HCT: 3%, MCV: 2%, HGB: 2%, PLT 5%

Storage capacity: 100,000 test results incl. histograms

User interface: 10.1 inch, 1280 x 800 resolution LCD with touch screen

Dimensions (HxWxD): 263 x 206 x 313 mm

Net weight: 9.7 kg

Power: 12 Vdc, 5 A

Reagent consumption per test:

Diluent: 6.0 ml

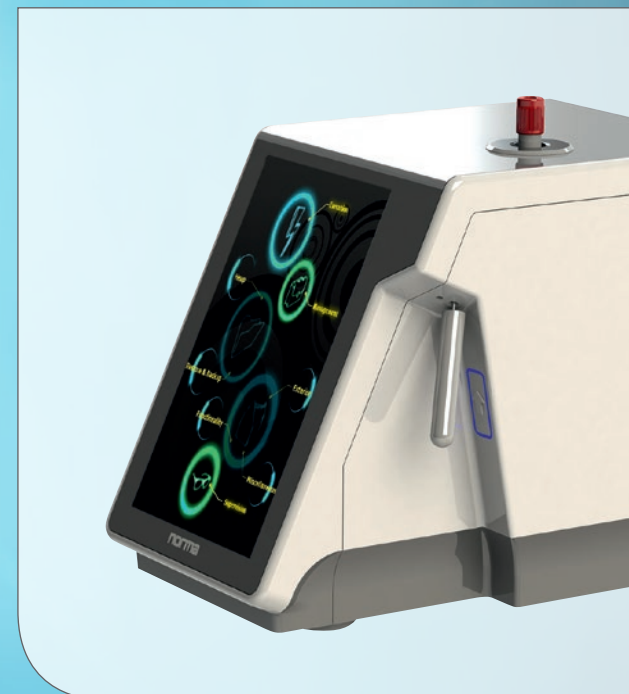
Lysing reagent: 0.2 ml

Cleaning solution: 0.2 ml

*patents pending

New Hematology Analyzer

- Icon has a footprint of an A4 sheet of paper and has the **smallest dimensions of its class**.
- Despite its ultra-compact sizing Icon has a throughput of **60 samples per hour**.
- Icon can process **closed or open vials**. The sample mixing and cap piercing mechanism is integrated in the device, and enables using an **add-on autosampler**.
- The **sample volume is only 9.0 μ L**, the smallest ever processed by a hematology analyzer.
- This space-saving device has a **10 inch full HD touch screen** user interface that can handle motion sensing gestures and multi-touch inputs providing an entirely new interaction experience with the unit.
- Norma Icon is designed to be **remote-supported**. System check, trouble shooting, software upgrade can be carried out at the user's site at any time if internet access is available.
- Norma Icon is the first hematology analyzer using a **microfluidic chip for hydrodynamic focusing** and cell counting. This cutting edge technology* enables **reducing reagent consumption** by at least 80% compared with analyzers built on the decades-old traditional technology.
- Small reagent volumes help keep down the wasteful, polluting usage of laboratory chemicals. By eliminating the need of transporting tons of reagents to long distances, and using a "green" result printing concept Norma Icon helps saving a significant part of the running expenses, **keeping cost per test low and protecting the environment**.

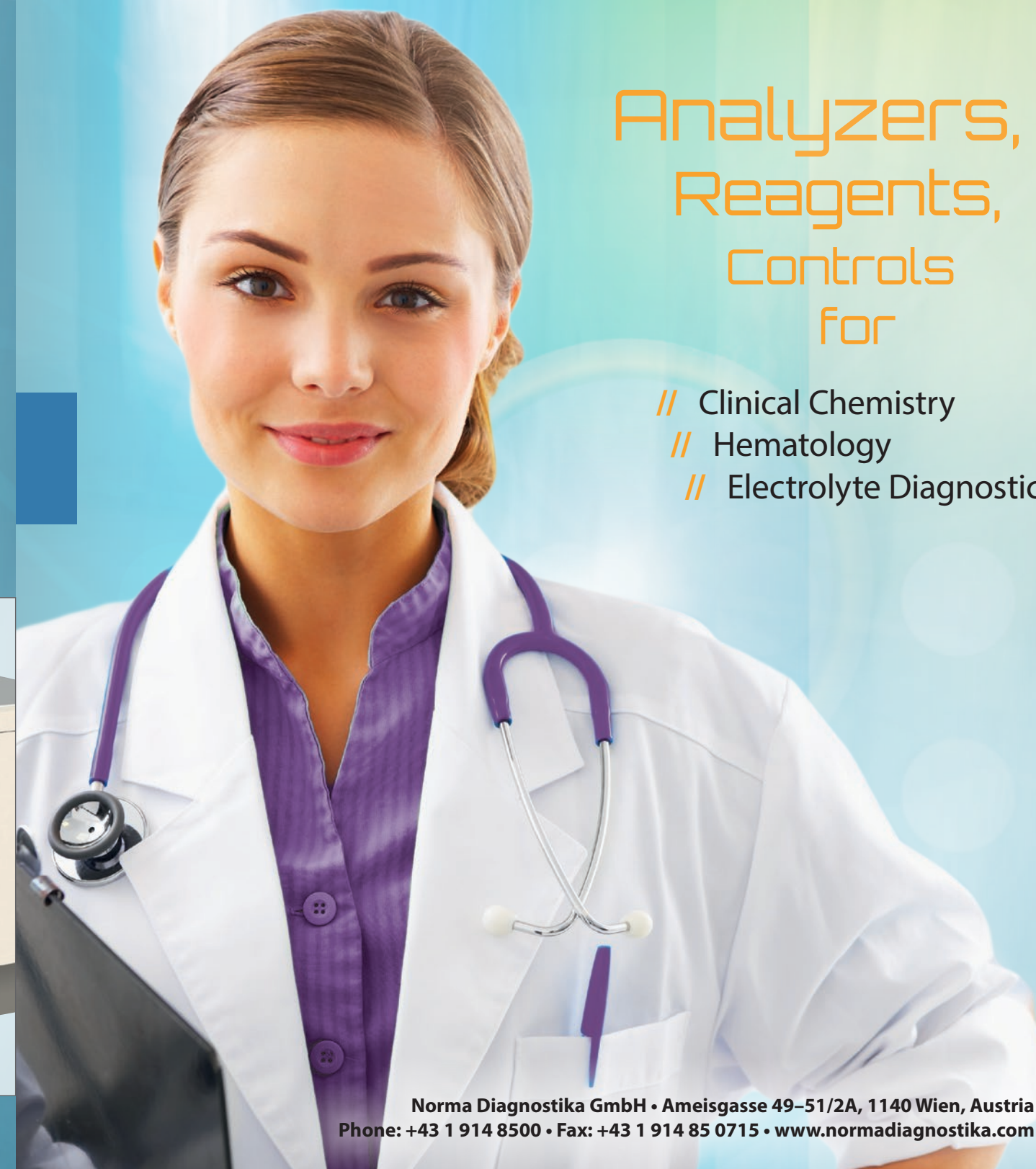


norma

Diagnostic Solutions All around the world

Analyzers,
Reagents,
Controls
for

- // Clinical Chemistry
- // Hematology
- // Electrolyte Diagnostics



Norma Diagnostika GmbH • Ameisgasse 49-51/2A, 1140 Wien, Austria
Phone: +43 1 914 8500 • Fax: +43 1 914 85 0715 • www.normadiagnostika.com

Welcome to norma

Norma is a designer and supplier of advanced blood diagnostic equipment for the medical and veterinary market. We specialize in clinical chemistry, hematology and electrolyte diagnostics. Our main office is in Vienna, Austria and we also have facilities in Budapest, Hungary.

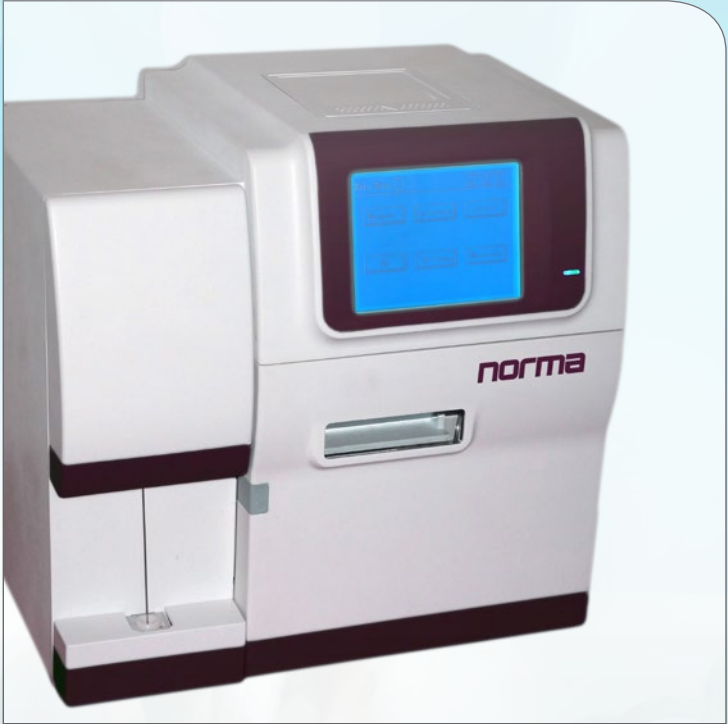
Norma is a young company with a strong and experienced team. The Norma staff has more than 200 years of collective experience in the field of developing, manufacturing and marketing of IVD instrumentation – that is more than 8 years per member of our staff.

Most value we create comes from innovation. Norma is the first company worldwide introducing a hematology analyzer using microfluidic chips. This revolutionary invention allows us to significantly reduce the size of the analyzer, decrease sample volume and cut reagent consumption. That saves money for the customer, reduces freight charges and contributes to the protection of the environment.

Health care industry is one of the fastest growing sectors of the economy worldwide. Norma is excited about contributing its share to this growth offering clean, innovative and affordable solutions to meet customer requirements.



Products



NormaLyte Series Electrolyte Analyzer

- Cost effective
- Low maintenance,
- Low reagent consumption

Technical Data

Technology: ISE (Ion Selective Electrode)
Sample: Serum / Plasma / Whole Blood / Urine / CSF
Sample Volume: 80-150 µL
Reagent Volume: 1 mL
Throughput: 60 samples/hour
Parameters: K⁺, Na⁺, Cl, iCa, pH, TCO, TCO₂, TCa, Ag, KT



NormaChem 50 Semi-automated Clinical Chemistry Analyzer

- Compact
- Low maintenance
- Low cost

Technical Data

Our compact photometers are suitable for small clinics or as a back-up unit for automated systems.
Wavelengths: 340, 380, 405, 505, 546, 578, 620 nm and one free position
Methods: end-point, fixed time, kinetic, multi-standard, factor, dual wavelength, bichromatic
Flow cell: 32 µL quartz flow cell or direct cuvette reading mode
Memory: 15,000 test results
Display: high resolution LCD touch screen
Sample volume: 10-50 µL

