VIDIMAT
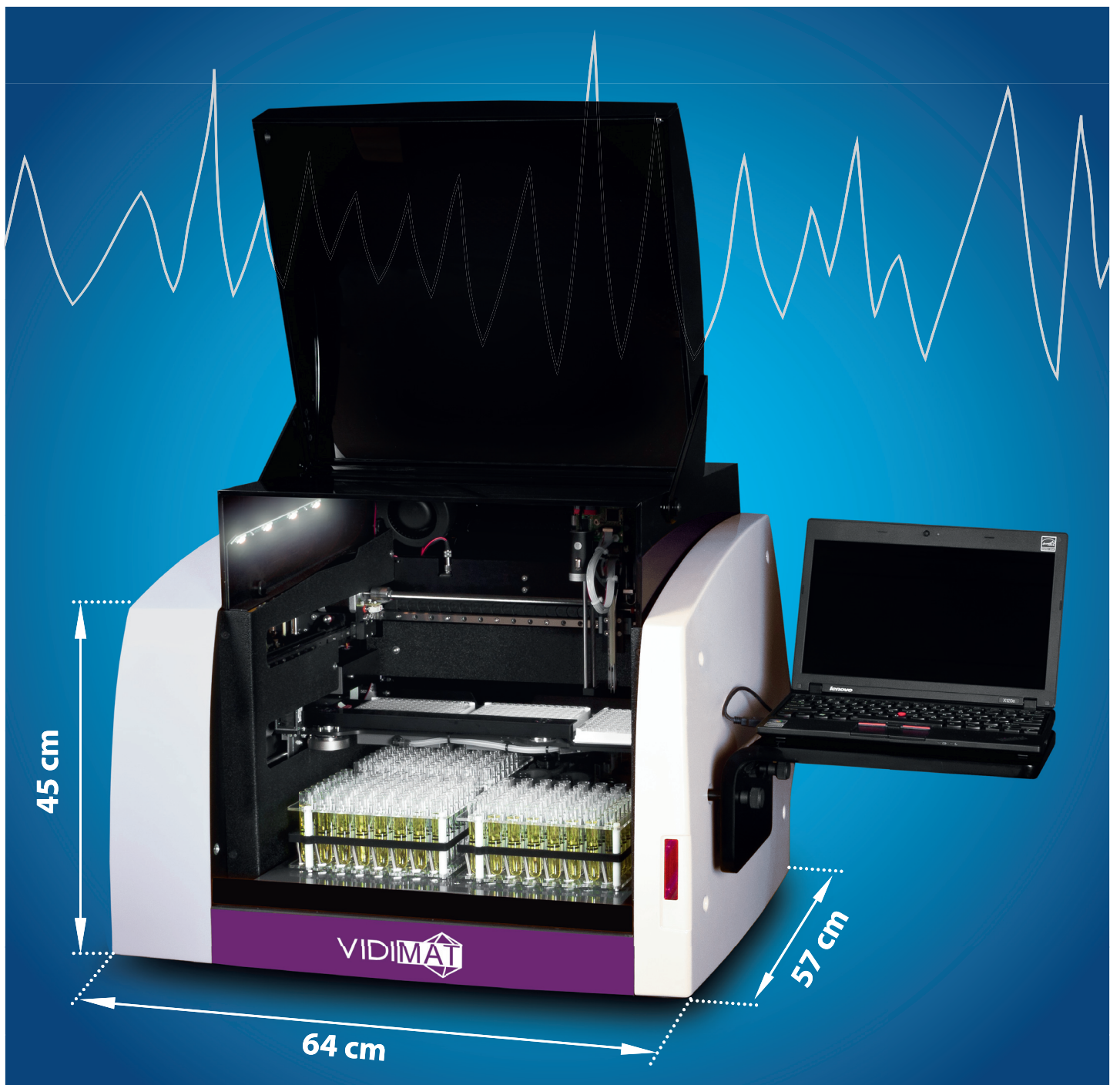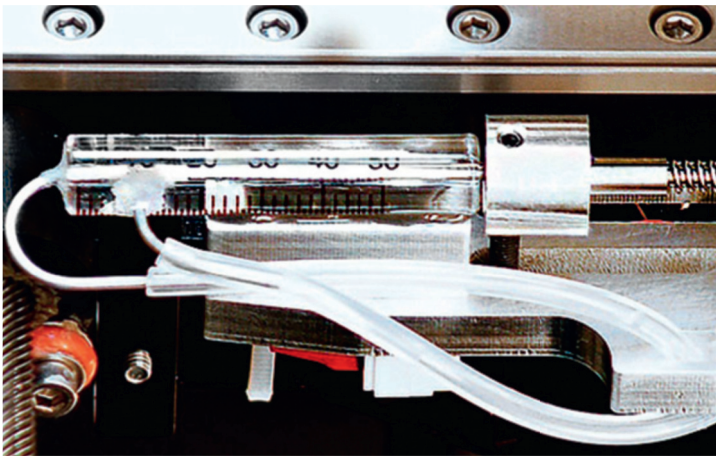
Automatic analyzer

> **Fully automatic**

> **ELISA microtitrate plates processing**

> **VIDIA MONOTESTs processing**

> **Reliability**

> **Precision**

> **Easy to use**

45 cm

57 cm

64 cm

VIDIMAT

VIDIMAT | Automatic analyzer

Precise pipetting

❯ Analyzer uses high precision micro-syringe

❯ Aspiration of 1µl volumes with less than 3% CV

❯ Sample dilutions directly in the reaction wells - eliminates the need for extra pre-dilution steps

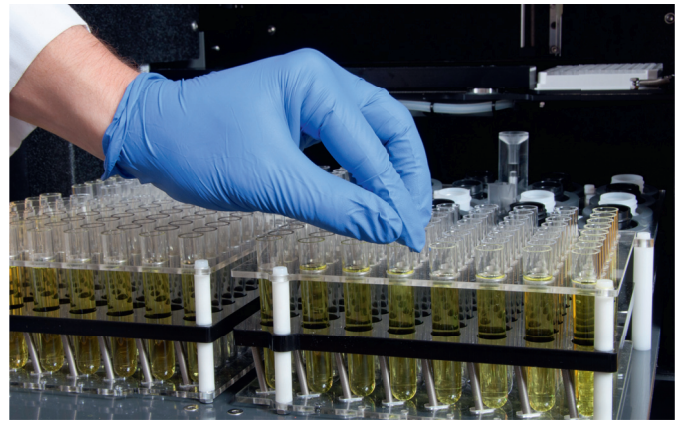❯ The same level of precision as other instruments in its class, but at much lower volumes

Real-time process monitoring

❯ The probe-mounted camera allows to monitor internal operations in real-time

❯ The camera and system logs allow VIDIA technicians to remotely resolve most problems

VIDIMAT | Automatic analyzer

Intelligent racks

❯ Intelligent racks sense each individual sample's position during loading, and record the position

❯ The VIDIMAT's further streamlines setup with a slide-out tray that provides easy access to the intelligent racks for patient samples
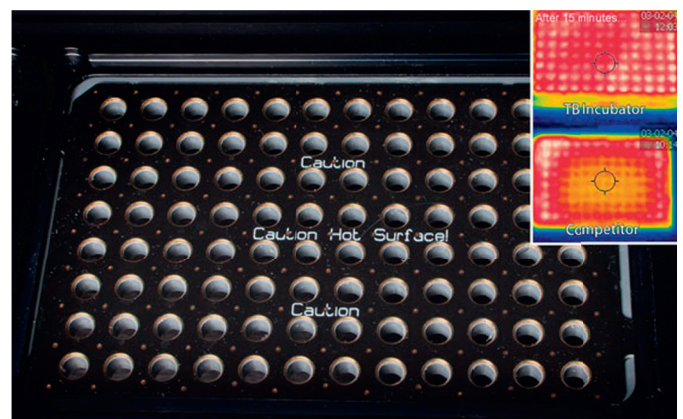

Samples shaking

❯ Fully-integrated and automated orbital shaker

❯ Orbital shaker keeps fluids in the wells while shaking up to 900 RPM

❯ Repeatable and accurate results

Quick and uniform heating

❯ Eliminates "edge effects"

❯ The forced convection incubator quickly and uniformly heats each individual reaction well

❯ Consistent results

VIDIMAT | Automatic analyzer

Specifications:

Capacity
> **Samples:** 192 sample positions
> **Microtiter plates:** 2 positions + 1 pre-dilution plate
> **Reagents:** 16 positions

Operation
> **Loading and unloading of samples:** sliding sample tray, automatic sample localization
> **Sample identification and loading:** built-in barcode reader
> **Test tubes:** standard 12, 13 or 16 x 75 mm
> **Wash station:** 2 wash bottles

Service
> **Probe-mounted camera allows remote troubleshooting**

Dispensing
> **High precision micro-syringe**
> **Single probe, dual needle**
> **Pipetting volume:** up to 500 µl, CV for 1 µl is less than 3%

Incubation
> **Incubation temperature:** up to 40 °C
> **Even heating** – eliminates "edge effects"
> **Shaking:** amplitude 1 mm, speed up to 900 RPM, no splash from the wells

Technical specifications
> **Dimensions:** 64 cm x 57 cm x 45 cm
> **Photometer wavelenghts:** 405, 450, 490, 550 and 630 nm
> **User interface:** MS Windows Graphical User Interface (Windows 7, Windows 8)
> **LIS integration:** Bi-directional, RS232, USB, TCP/IP
> **CE certified**

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Certified according to
ISO 9001:2009
ISO 13485:2012

CERTIFIKAČNÍ ORGÁN č. 3002
ITC CERTIFIED SYSTEM
ČSN EN ISO 9001

CERTIFIKAČNÍ ORGÁN č. 3002
ITC CERTIFIED SYSTEM
ČSN EN ISO 13485