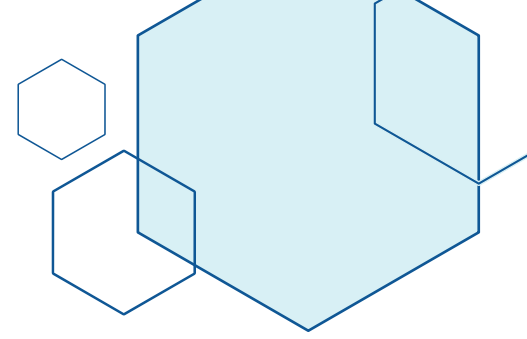




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DIA.BLOOD *Plus*

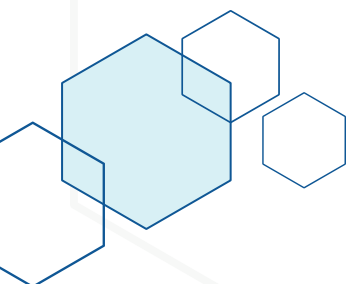
FULLY AUTOMATED HIGH THROUGHPUT

ELISA MICRO-PLATE WORKSTATION

Designed for blood screening & large volume testing



- *Bench top analyzer*
- *Maximum productivity*
- *Disposable low-cost plastic tips for maximum efficiency*
- *Less than 250 kg weight*



TECHNICAL SPECIFICATION

Hardware

Module conception	Plug & Play
Needle configuration	8 needles with disposable tips
Tip types	HDPE disposable tips (5-1000µl)
Syringe size	1000µl
Incubators	9 independent
Washer	3 independent

Liquid handling features

Pipetting precision	Volume CV (%)
Standard volume	10 µl < 5%
	100 µl < 3%
Liquid detection	Pressure sensor & Clot detector

Bar-code evaluation	Sample codification, plate codification, kit type codification with recording of lot number & lot expiry date
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Incubator module All incubators are integrated in modules with washer

Incubator modules	3 modules that consist of 3 independent incubators
Shaking	Independent shaking for each position with variable speed (350 rpm to 700 rpm)
Temperature range	From 20°C (room temperature) up to 40°C with accuracy of +/- 0.5°C

Washer module All modules are integrated with incubator

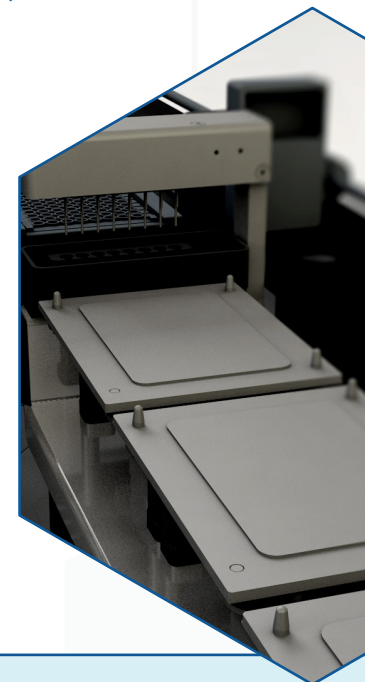
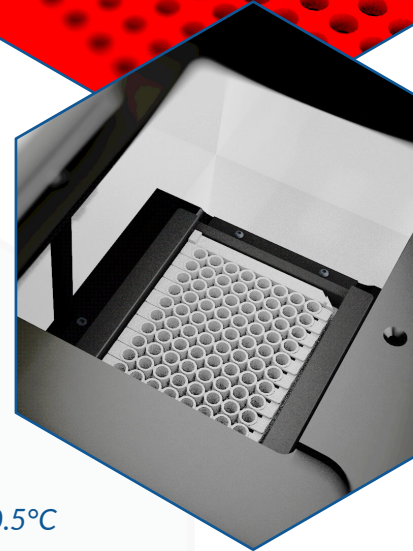
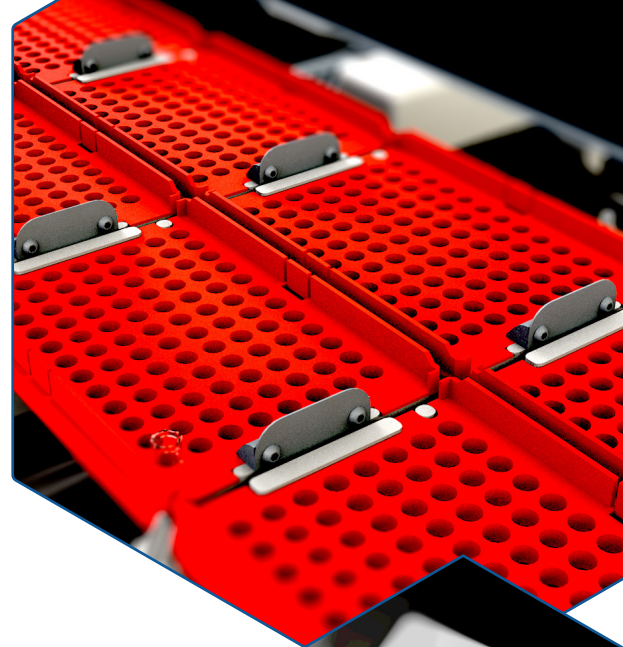
Washer module	3 washer
Manifold	8-channel manifold
Wash channel	4 common channels for wash buffer which are linked to 4 containers of 5 L. and 2 containers of 10 L for waste/each with loading cell.
Wash mode	Strip or plate mode with or without soaking time

Reader

Light source	Led-light (lifetime guarantee)
Measurement range	0-4 0 OD
Wavelength selection	400-700nm: 2 filters are supplied (selection between 5 of which: 405nm, 450nm, 492nm, 530nm, 630nm) upgradable up to 4 filters
Measurement time	Single wavelength 10 seconds; dual wavelength 15 seconds

Operating lab condition	Temperature 15°C-50°C, relative humidity 30-80%
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Dimension	Height 1120 mm, Width 1590 mm, Depth 830 mm, Weight <250 kg
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