

The KRÜSS logo is displayed in a white square on a dark blue background. It features the word "KRÜSS" in a bold, sans-serif font, with a curved line above the letters "R" and "S".

Ayríis

Specifications



Product group specifications**Ayríis****Camera system**

Type	stereo camera
Connection	MIPI CSI-2
Performance	2 cameras with 50 fps at 1024 × 1024 px each

Optics

Focus	fixed focus
Zoom	fixed focal length

Illumination

Type	2 lasers + 90 high power LEDs
Wave length, dominant	white

Dosing system

Dosing	water single pressure dosing
Drop deposition	software-controlled
Cartridge (volume)	prefilled water cartridge (4 mL)
Resolution	0.1 µL
Speed	fixed

Output

Type	Microsoft Excel (xml format) via Ethernet
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Measurement specifications**Ayríis****Sessile drop**

Result	contact angle
Range	0 to 180°
Resolution	0.1°
Accuracy	2°
Models	3D Contact Angle
Type	static

Software

Software type	integrated user interface
Available software modules	contact angle

General specifications

Ayríís

Sample dimensions

Maximum sample size $\infty \times \infty \times \infty$ (W × D × H)

Housing and peripherals

Compartment aluminum
Touch display integrated color IPS display
(480 × 800 px, size 4")

Environment

Operating temperature 10 °C to 40 °C
Storage temperature 5 °C to 45 °C
Humidity without condensation

Instrument dimensions

Footprint 58 mm x 51 mm (W × D)
Height 290 mm
Weight (without accessories) 1.15 kg

Power supply

Voltage 15 V
Battery runtime 4 h
Charging power max. 30 W

Interfaces

PC USB 3.0

