

Technical Specifications CLADE™ MIRA Analyzer MA8

Technology	Mid-infrared FTIR, AquaSpec™
Spectral resolution	4 cm ⁻¹
Analytically relevant wavenumber range	3050–930 cm ⁻¹
Detection type	MCT detector, autonomous cryocooling
Autosampler	3-axis Autosampler, PAL RSI 50
Measurement cell	AquaSpec™ eCell, temperature controlled, thin layer <10 µm
Sample volume per measurement	98 µl
Sample requirements	Homogenous aqueous liquid, particle free, pH 3-11
Supported vial	GC standard glass vials (11.6 x 32 mm), ND9, flat bottom
Sample tray deck	54 positions (expandable to 3 x 54)
Operation conditions	Ambient temperature: 18–28 °C Relative humidity: < 75 % Max. altitude: 2000 m above sea level Allowed temp. change 4 K/h, 0.5 K/min
Dimensions	795 mm × 680 mm × 1035 mm (length × width × height)
Space requirements	805 mm × 1100 mm × 1045 mm (length × width × height)
Power Supply	2x 100–240 VAC, 50–60 Hz Autosampler max. 200 W Base Unit max. 300 W
Connections	Ethernet
Weight	78 kg
Noise emission	50 dB(A)

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Contact us to learn more!

- ✓ <https://clade.io/>
- ✓ Gürkan Korkmaz
Head of Sales & Marketing
Email: guerkan.korkmaz@clade.io
Tel: +49 176 126 67 004
- ✓ CLADE GmbH
Schelztorstraße 54-56
73728 Esslingen am Neckar
Germany

