

AliveDx

MOSAIQ[®]



TECHNICAL SPECIFICATIONS



MosaiQ Instrument
Ref number: 126001

- **Walkaway time:** over 7 hours
- **Graphical User Interface:** Intuitive design ensuring users can effortlessly navigate with minimal clicks
- **Multiplex testing:** 2 independent wells per microarray with simultaneous testing of multiple analytes supported by embedded internal calibration and controls
- **Time to result:** First result <1h with subsequent results delivered every 42 seconds
- **Loading capacity:** 1,000 Microarrays
- **Test throughput:** 85 samples per hour
- **Sample volume:** From 10 µl to 20 µl per panel
- **Resource Management:** Fully automated, consumption expiration with on-board stability managed by RFID* Read/Write
- **Alarm system:** Visual and audible system
- **Bidirectional connection:** ASTM, Query mode
*RFID = Radio frequency identification

Dimensions and weight

WIDTH: Closed: 174 cm (68.51 in)

DEPTH: Closed: 90 cm (35.44 in)

HEIGHT: 166 cm (65.36 in)

WEIGHT: 285 kg (628.3 lb)

Space requirement

WIDTH: 374 cm (147.25 in)

DEPTH: 200 cm (78.74 in)

HEIGHT: 166 cm (65.36 in)

Power requirement

VOLTAGE: 100 V – 240 V

FREQUENCY: 50 – 60 Hz

INPUT CURRENT: 2.5 – 6A

POWER: Idle power usage: 0.3 kWh

Running power usage: 0.6 kWh

MEAN: 400 W (600 W max.)

FUSES: Primary T6.3 AH/250 VAC

Computer and connections

PROC ESSOR: Intel Core i7i5

MEMORY (RAM): 16 GB DDR4

HARD DISK: 1 TB

PORTS: 2 LAN port – USB Ports

MONITOR: 43.9 cm (17.3 in) touch screen

OPERATING SYSTEM: Microsoft® Windows 10

Enterprise LTSC (US English)

Environmental conditions

TEMPERATURE: Operating: 18 – 30 °C (64.4 – 86°F)

Storage: 5 – 40 °C (41 – 104 °F)

Transport: -10 – 55 °C (14 – 131 °F)

HUMIDITY: Operating: 15 – 80% non-condensing

Storage: 10 – 85% non-condensing

Transport: 10 – 90% non-condensing

POLLUTION DEGREE: 2

SUNLIGHT: No direct sunlight

ALTITUDE: Up to 2,000 m (6562 ft) above mean sea level

NOISE: 47 dBA at 1 00 cm (39.4 in) around

59 dBA at 25 cm (9.8 in) around

HEAT OUTPUT: 1150 BTU/h

Fluidics

2 x 10 L system liquids or direct plumbing connection

2 x 10 L liquid waste containers or direct drain connection

📍 **Siège administratif :** Semmar Djenane Boudjakdji
Lieu-dit Citizen, Ilot 272, Section 01, Birkhadem, Alger, Algérie

☎ **Tel :** 0770 843 000 / **E-mail:** accueil@vitalcareprod.com

✉ **Réactovigilance:** vigil@vitalcareprod.com

🌐 vitalcare.dz