

Medimachine II

(code 121600)

ELECTRO-MECHANICAL LABWARE



*TO OBTAIN CELL SUSPENSION FROM BIOLOGICAL SOLID TISSUE
OR EXTRACTION OF MOLECULES FROM TISSUE OR CELLS*



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Technical features

MEDIMACHINE II

The instrument has an interactive **touch-screen** for selection of operation mode and for consulting the on board manual. This specific screen has been selected for use wearing lab gloves. The software offers **multi-lingual settings** and two modes: manual and automatic.

In **manual mode**, the operator selects to start and to stop the disaggregation.

In **automatic mode**, the operator selects the disaggregation timing; at the end of the run the motor stops automatically, indicating the end of the cycle.

Medimachine II is designed to provide both gentle tissue dissociation and fine homogenization using appropriate disposable devices with different technical features according to the required procedure.

MEDIMACHINE II provided with the following features:

SIZE: 211 mm x 164 mm x 257 mm

WEIGHT: 22,50 kg

MAIN POWER:

- Power consumption: 60W
- Supply voltage: 85 ~ 264 VAC, 47-63 Hz
- Fuses: 2 x 4A

MOTORS:

- **Low speed specs:** rotational speed → 90 rpm
rotation wise → clock wise
max torque → 420 mNm
- **High speed specs:** rotational speed → 22.200 rpm
rotation wise → clock wise
stall torque → 123 mNm

CONDITIONS OF OPERATIONS:

- Working temperature: +5 to +45 °C degrees
- Humidity: less than 90%
- Altitude: Unlimited

STORAGE TEMPERATURE: 0 to +50 °C degrees

Usable disposables devices:

• DISSOCIATION

Medicons 1 ml (Codes 79300S, 79300N, 79400S, 79400N)
Medicons max 16 ml (Codes 79500S, 79500N)

• HOMOGENIZATION

FOODcon7 (Codes 82300N, 82300S)
Prypcons (Codes 80300N, 80300S)

