



Fiche machine n°

**6988**

Indice B

# Electroporateur

**FRM-007**

Indice **B**

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## Electroporateur

Fabricant : Eppendorf

Modèle : Eporator

Année : 2017

Dimensions hors-tout (l x p x h) : 190 x 275 x 125 mm

Documentation technique : disponible

Incoterm : FCA

## *Electroporator*

Manufacturer: Eppendorf

Model: Eporator

Year: 2017

Overall dimensions (w x d x h): 190 x 275 x 125 mm

Technical documentation: available

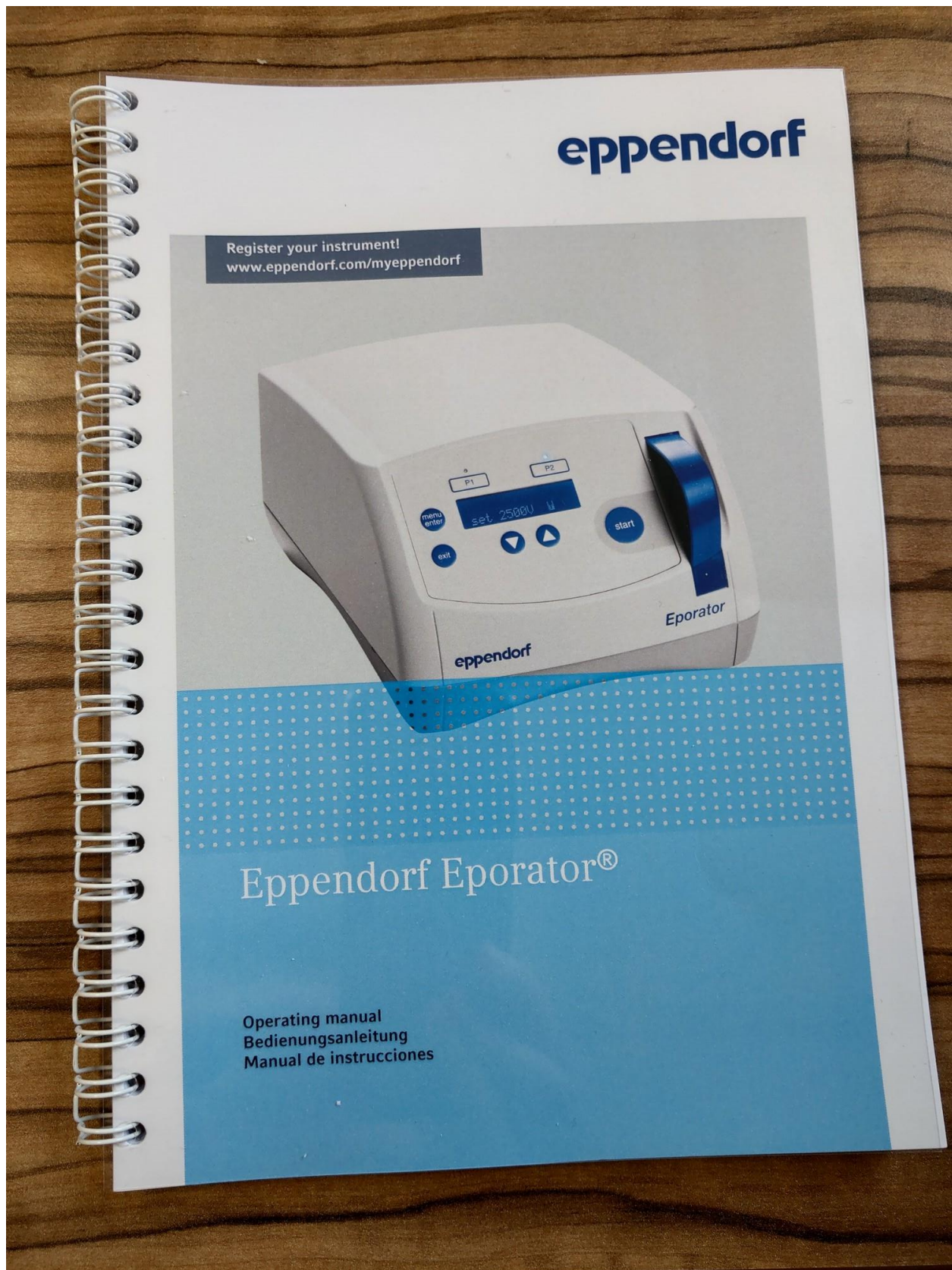
Incoterm: FCA











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## Product description

Eppendorf Eporator®  
English (EN)

### 3.3 Features

The Eporator is inserted for the electroporation. It contains a capacitor that is discharged during electroporation using a resistor, thus generating an exponential discharge curve. A voltage between 200 V and 2500 V can be set. The exponential pulse generated by the Eporator is transferred to a disposable electroporation cuvette that contains the biological sample.

Unlike devices from other manufacturers, the Eporator features an integrated cuvette carrier with cuvette holder.

The construction of the Eporator minimizes the risk of short circuits. This also applies in the case of prohibited, high salt concentrations or maximum voltage. Even in the most unlikely situation of an electric arc in the cuvette, no bacterial suspension can escape from the cuvette and contaminate the device.

The Eporator is easy to operate. None of the device components require user-maintenance.

The experimental electroporation data can be saved on a USB stick and evaluated on a PC.

Application protocols for the electroporation of various bacteria and yeast strains can be found on the Eppendorf home page [www.eppendorf.com](http://www.eppendorf.com).

## 8 Technical data

### 8.1 Power supply

Mains power connection	100 V to 240 V $\pm 10\%$ , 50 Hz to 60 Hz Automatic adjustment to the voltage
Power consumption	20 W
Charging time	< 10 s

### 8.2 Ambient conditions

Environment	For indoor use only
Ambient temperature	5 °C to 40 °C
Relative humidity	10 % to 90 %
Atmospheric pressure	79.5 kPa to 106 kPa (2000 m)
Degree of pollution	2

### 8.3 Weight/dimensions

Weight	3.2 kg
Dimensions	Width: 19 cm (7.48 in) Height: 12.5 cm (4.92 in) Depth: 27.5 cm (10.83 in)

### 8.4 Interfaces

USB	USB 2.0
RS232	Only for Technical Service

### 8.5 Operating mode

Power-on time	10 %, 120 s max.
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