

## Description

The cassette welder is a single-purpose machine. It is used to weld a plastic lid with a cassette where solutions for blood analyser are placed. The machine is designed as a semiautomatic permanently manned machine.

The operator places the cassette with a plastic holder of gasket into a fixture. The complete cassette in the fixture is subsequently placed in the working area of the machine where the lid of the cassette is set to the correct position and welded to the cassette. Having been welded, the cassette is automatically slid out from the fixture and will leave the working area independently. The fixture returns back automatically to process next cassettes.

## Equipment and options:

- The machine is formed by a frame made from satin-anodized Al profiles and by a satin-anodized soleplate made from an Al-alloy.
- The height of the entire machine is adjustable due to ergonomic reasons. Movement is by means of electric motors controlled with "up" and "down" buttons.
- The machine has travelling wheels with adjustable feet.
- Protective covers made from transparent plastic material with an inlet into the working area are attached to the soleplate as well as welding stations, a release station and individual drives and mechanisms to move the fixture and the cassette in the machine. The working area is connected to the exhaustion system in the top part of the cover.
- Power supply 1NPE 230V AC 50Hz/TN-S, a pressure air outlet on the rear side.
- The control panel on the front side includes:
  - control panel
  - RESET button
  - EMERGENCY STOP button
- The control panel on the rear side includes:
  - timers, regulators of pressure and temperature for the welding stations
  - pressure control valve for pressure air distribution
  - main switch

## Basic technical data:

Length:	1200 mm
Width:	800 mm
Height:	2200 mm
Weight:	495 kg
Power supply:	1NPE 230V AC 50Hz/TN-S

