Continuous Medical Pouch Sealer, 10 m/min, 60-220°C ±1%, 12 mm Seal Width, 0-35 mm Margin

Model **MSTMS-A100SWISS** | Brand **Master Science**





The Continuous Medical Pouch Sealer seals sterilization pouches continuously at 10 m/min, with automatic feeding of the pouch through the machine. It handles paper-plastic flat pouches, paper-plastic gusseted pouches and paper-paper bags, producing a 12 mm wide seal with an adjustable margin of 0 to 35 mm.

KEY HIGHLIGHTS

- Continuous Throughput
- Quick Start
- Even Seals
- Durable Heater

AT A GLANCE

60-220°C, freely set
TEMPERATURE RANGE

±1%
TEMPERATURE ACCURACY

10 m/min
SEALING SPEED

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Overview

A dedicated temperature controller sets the sealing temperature anywhere from 60 to 220°C with ±1% accuracy, and the heater reaches 180°C from room temperature in about 40 seconds. The Continuous Medical Pouch Sealer uses a flat ceramic heating element that tolerates dry firing, together with a floating constant-pressure system for even seals.

Sterilize sealed pouches in our Portable Autoclave, a natural partner for the Continuous Medical Pouch Sealer.

Sealing pouches with simple impulse sealers causes the issues below. The Continuous Medical Pouch Sealer handles each one.

Key Benefits

Continuous Throughput
Pouches feed automatically at 10 m/min.

Quick Start
Ready at 180°C in about 40 seconds.

Even Seals
Floating constant pressure adapts to flat and gusseted pouches.

Durable Heater
The ceramic element resists high temperature and dry firing.

Technical Specifications

UNDEFINED

Brand	Master Science
Model Number	MSTMS-A100SWISS
SKU	MSTMS-A100SWISS
Sealing Mode	Continuous, automatic feeding
Sealing Speed	10 m/min
Seal Width	12 mm
Sealing Margin	0-35 mm, adjustable
Temperature Range	**60-220°C, freely set**
Temperature Accuracy	**±1%**
Heat-Up Time	About 40 s from room temperature to 180°C
Heating Element	Flat ceramic, can be dry-fired
Pressure System	Floating constant pressure
Compatible Pouches	Paper-plastic flat, paper-plastic gusseted, paper-paper
Power Supply	220 V, 50 Hz
Power	500 W
Dimensions (W × D × H)	482 × 242 × 157 mm
Package Size (W × D × H)	620 × 390 × 280 mm
Gross Weight	12 kg

PROBLEMS THE CONTINUOUS MEDICAL POUCH SEALER SOLVES

Slow one-by-one sealing	Continuous feeding seals at 10 m/min.
Long warm-up	The heater reaches 180°C in about 40 seconds.
Weak seals on gusseted pouches	Floating constant pressure adapts to pouch thickness.
Heater burnout	The ceramic element tolerates dry firing.

Applications

Sealing sterilization pouches in hospital CSSD

Packaging instruments in dental and outpatient clinics

Sealing medical device packs before sterilization

Laboratory sterile packaging

Sealing

- Continuous sealing at 10 m/min
- 12 mm seal width
- Adjustable 0-35 mm margin
- Automatic paper feeding

Temperature

- Dedicated sealing temperature controller
- 60-220°C, ±1% accuracy
- About 40 s to reach 180°C
- Flat ceramic heating element

Versatility

- Floating constant-pressure pressing
- Paper-plastic flat and gusseted pouches
- Paper-paper bags

Standard Accessories Included

- Continuous medical pouch sealer main unit

Optional Accessories

- Stainless steel sealing workstation
- Paper cutter
- Roller conveying platform