MD-8000 Medical Device Pouch Making System

The **MD-8000** is a next-generation pouch-making solution that integrates a film reel dispenser with a precision heat-sealing system. This innovative machine automatically produces medical device pouches from standard roll stock in the exact lengths and widths your workflow requires.

Bring Pouch Making In-House

The MD-8000 allows you to manufacture your own pouches on demand, eliminating the need to stock multiple premade sizes. By combining a film reel dispenser and heat sealer into one compact system, it produces custom-length pouches with minimal material waste.

- Output capacity of up to **5,000 pouches per hour**
- Compact footprint for seamless integration into busy production environments
- Operate via the integrated keypad or optional intelligent scan system
- Compatible with both **flat and gusseted** roll stock materials

Take control of your pouch inventory and reduce operational costs with the MD-8000

Flexible & Compact

The MD-8000 is engineered for versatility and efficiency:

- Create pouches in **custom lengths** to match your device form factors
- Works with **paper/plastic** and **Tyvek®/plastic** roll stock
- Minimizes material consumption to reduce waste and cost
- Fits easily into small or space-restricted work areas

High Output Performance

Designed for demanding production environments, the MD-8000 delivers:

- **14 cycles per minute** (over **800 cycles per hour**)
- Reel holder capacity for **up to six film reels**
- Maximum throughput of **5,000 pouches per hour**

This high-speed performance ensures cost-effective pouch production that keeps pace with your workflow.

Data Collection & Compliance

For organizations requiring documented process control, the MD-8000 AS-V model offers:

- Optional USB data recording of critical sealing parameters
- Support for routine documentation requirements
- Compliance with **ISO 11607** standards for packaging validation

Take Control of Pouch Inventory

Managing multiple premade pouch sizes is costly, inefficient, and often leads to storage challenges. The MD-8000 solves this by enabling you to produce pouches in-house, in the exact sizes you need. Correctly sized pouches help maintain a safer sterile barrier system by avoiding:

- Overly tight pouches that stress seal edges
- Oversized pouches that waste material and space

Validate Your Packaging Process

Whether you're a medical device manufacturer, hospital, or clinic, the MD-8000 provides both convenience and cost savings while meeting the stringent requirements of **ISO 11607-2**. With the optional sorting module, you can:

- Sort finished pouches by size
- Easily remove, finish, bag, and shrink-wrap pouches
- Streamline downstream packaging operations

Specifications

PERFORMANCE FEATURES	
Productivity	up to 14 cycles/min (>840 Cycles/hour) depending on the pre-adjusted sealing time 5,000 pouches/hour [1]
Adjustment quantity of pouches	1 - 500 pouches
Adjustment pouch lengths	100 - 1,000 mm / 4 - 40 in
Width of seal seam and cutting lenghts, roll holder	420 mm | 16.5 in
RANGE OF USE AND CERTIFICATION	
Especially suitable for use in	medical practice, hospital and medical industry
CE signed	x
GS-certifed (tested safety)	x
GreenTek	x
POWER SUPPLY DATA	
Main connection	100 - 240 V, 50/60 Hz
Power	200 W
MECHANICAL DATA	
Dimension w x d x h	740 x 355 x 240 mm 29.1 x 14 x 9.5 in
Stainless steel AISI 304 casing cover	x
Weight	29 kg (64 lbs)
Seal seam	12 mm / 0.5 in [2]
Distance to medical device (ISO/TS 16775)	30 mm / 1.2 in
Reel holder	x
SEALING MATERIALS	
Sealable pouches and reels in accordance with ISO 11607-1 (Paper/Plastic according to EN 868-5 and Paper/Tyvek®[3], according to EN 868-9[4]	x
ELECTRONIC FEATURES	
Microprocessor controlled	x
LCD - Display	x
OPERATION AND COMMUNICATION	
Interface USB A/B, RS 232, Ethernet connection	x
IntelligentScan[5]	x
PROCESS PARAMETERS	
Sealing temperature	max. 200 °C / 390 °F (monitored)
Contact pressure	fix
Sealing time (dwell)	0.5 - 10.0 s
Overheating protection	x
CONTROL FUNCTION IN ACCORDANCE WITH ISO 11607-2 and ISO/TS 16775	
Sealing process	automatic/reproducible
Switch-off tolerance +/- 5°C (ISO/TS 16775)	x
Alarm and machine stop in case the monitored	x
parameters exceed predetermined limits	x
ACCESSORIES	
USB-stick for process documentation	x
IntelligentScan barcode scanner	x
ValiPrint barcode printer	x
Sorting unit	x
Reel holder fixation set	x
Banding machine	x
Seal Check med indicator strips	x
InkTest dye penetration test	x

[2] also as ripped seam on request
[3] Tyvek® is a reg. Trademark of E.I. du Pont Nemours
[4] different sealable pouches and reels on request
[5] optional scanner needed

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Connecting medical device packaging to patient safety.
Call Customer Care: 800-550-3854