

THE NEW BENCHMARK IN
DOSING TECHNOLOGY.

▶ **TOP 7000 Pro**
DOSING SYSTEM



24
MONTH
WARRANTY



TRY-IT-FIRST
TEST FREE OF
CHARGE &
WITHOUT
OBLIGATION

TOP METERED
TOP MIXED
TOP IN USE



DOSING AT THE HIGHEST LEVEL

Process stability is the decisive quality feature of dispensing systems. The TOP 7000 Pro dosing system not only guarantees the highest part quality, but also reliable continuity. Thanks to the precise mixing ratio of silicones and additives and the outstanding efficiency of the system, the TOP 7000 Pro sets a new benchmark in the market.

POWERFUL

- ▶ Rate more than 5 liters/minute / 1.32 gallon/minute*
- ▶ Max. Pump pressure 210 bar / 3046 psi
- ▶ High-precision mixing ratio - volume Counter cell resolution 15.6 $\mu\text{l/l}$

ECONOMIC EFFICIENCY

- ▶ Material utilization per container up to 99.8 %
- ▶ High-quality components = service life of 20+ years
- ▶ Low maintenance costs
- ▶ Maximum process stability thanks to integrated high-precision volume counting

ENERGY EFFICIENCY

- ▶ Electrical energy consumption approx. 50 Wh
- ▶ Minimal idling losses - no pressure loss

VERSATILE IN USE

- ▶ FDA / EMA compliant
- ▶ Widest viscosity range on the market: 0.001 to 2000 Pas** (16,000 Pas***)

SAFETY

- ▶ Safest system on the market (EN ISO 13849-1)
- ▶ Fully automatic drum change from the edge of the drum
- ▶ Intuitive and simple operation

USER-FRIENDLY

- ▶ Can be fully integrated into machine control systems (OPC UA | Euromap 82.3)
- ▶ Fully automatic de-airing
- ▶ Air detection

PROCESSING UNIT

40D12

- ▶ Modular design
- ▶ Flow-optimized
- ▶ Integrated cooling
- ▶ Simple clamp connection
- ▶ Easy cleaning (Step by step video)
- ▶ 45° & 90° connection

ADDITIVE LINES

FLEXIBLE & PRECISE

- ▶ 1 l / 4 l / 20 l
- ▶ Volume counter (resolution < 0.1 $\mu\text{l/l}$)
- ▶ Simultaneous drum emptying A+B (Eco-Mix) or freely selectable mixing ratio (Fix-Mix)

*Measured with silicone oil at $\dot{\gamma}=10\text{ 1/s}$ $\eta=2.7\text{ Pas}$ (A+B component)

** $\dot{\gamma}=10\text{/s}$ *** $\dot{\gamma}=1\text{/s}$

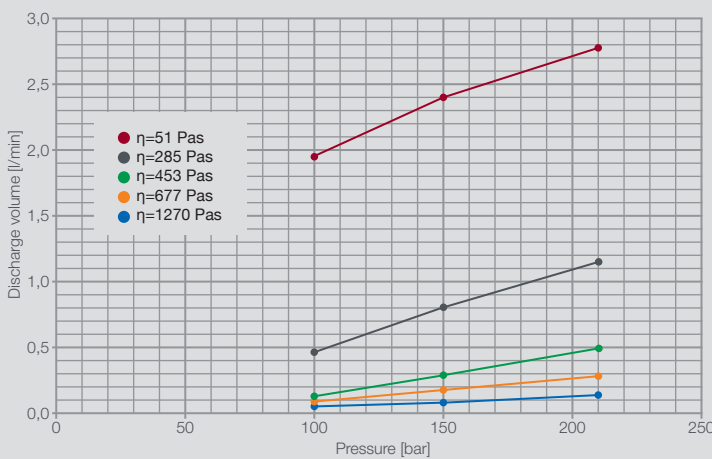
**MORE THAN
25 YEARS OF
EXPERIENCE**

TECHNICAL INFORMATION TOP 7000 Pro

Dimensions L/W/H	1150 x 790 x 1965 mm 45.3 x 31.1 x 77.4 inch
Drum sizes	200 / 20 liters 55 / 5 gallons
Drum change	3 sides (180°) in 2 minutes automatically guided
Usable materials [Pas]**	0.001 to 2000
Discharge rate per component @ 2.7 Pas	> 2500 cm ³ /min
Maximum delivery pressure	210 bar / 3046 psi
Power supply	100 - 264 VAC, 4 A
Air supply	6 bar – 1000 NL / min (1/2")
Additive lines	max. 6
Mixing elements	1 Standard to 10 Optional
Volume counter	Yes
Certifications	CE, UL, FDA, EMA
Simultaneous drum emptying (Eco-Mix)	Standard

Freely selectable mixing ratio (Fix-Mix)	Optional
Shore-Mix	Optional
LSR Select	Optional
Pump unit M for >2000 Pas**	Optional
Barcode drum recognition	Optional
Drum lifter	Optional
Wheels	Optional
Customized paint work	Optional
Process documentation USB	Standard
OPC UA	Optional
Euomap 82.3	Optional
Remote maintenance via VNC	Optional
Premium Connectivity	Optional
Simplex (two-machine operation)	Optional
Tandem (no production downtime)	Optional

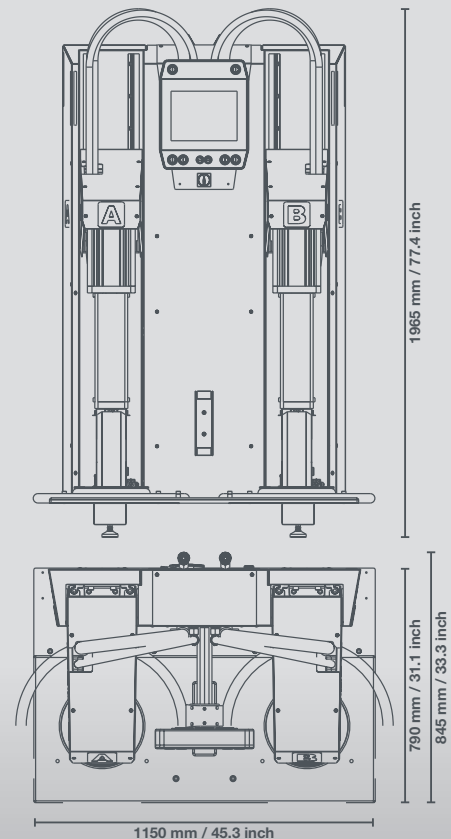
DELIVERY RATE PUMP UNIT S



Viscosity measured at $\dot{\gamma}=10/s$



**TOP
7000 Pro
LEARN
MORE**



MOLDS.
DOSING TECHNOLOGY.
PART PRODUCTION.



FOR MORE THAN 25 YEARS

we have been developing the best and most individual solutions for our customers. As an internationally active high-end full system & service supplier for the processing and dosing of liquid silicone rubber (LSR), ELMET is one of the absolute specialists in this field. ELMET is a global player in the production of high-quality silicone and multi-component molded parts.



SMART SILICONE SOLUTIONS

ELMET Elastomere Produktions- und Dienstleistungs GmbH

Tulpenstraße 21 | 4064 Oftring | Austria | T: +43 7221 74577-0 | E: office@elmet.com

ELMET NORTH AMERICA INC.

712 Terminal Road, Lansing, MI 48906 USA
Local: 517-664-9011
Toll Free: 866-628-6499
office@elmet.com

ELMET GREATER CHINA

No. 20, Renxiang St., Dali Dist.,
Taichung City
T: +866-979-885-628
office@elmet.com

ELMET JAPAN

3-902-4, Yashirogaoka, Meito-ku,
Nagoya-shi, Aichi-ken 4650051
T: +81-70-7793-1895
office@elmet.com