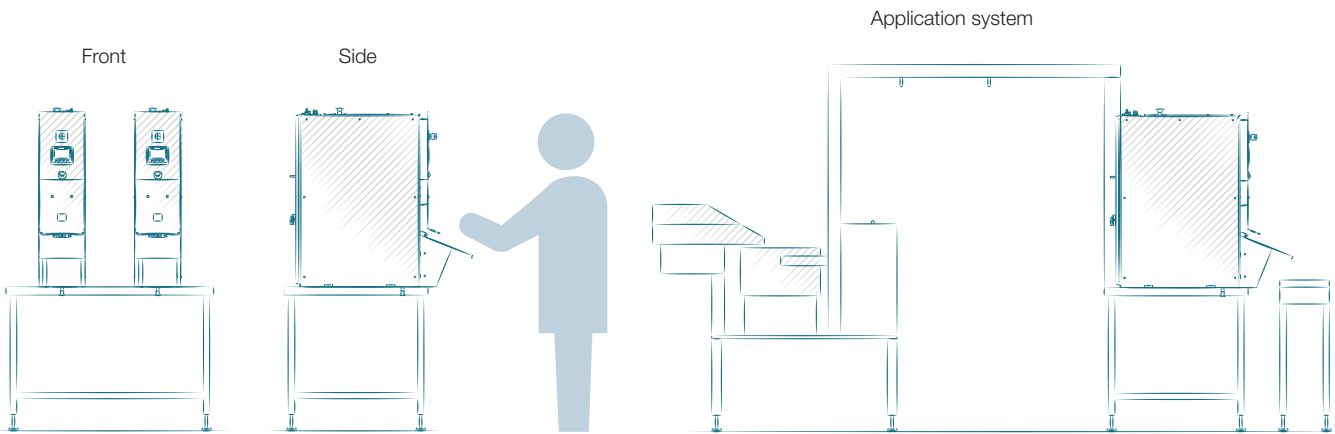


The KIEFEL KMS line



Efficiency meets compact design

A smart solution for every bag filling and sealing.

Developed by **Innovation & Technology Center KIEFEL GmbH**.

Technical data *)

Dimension (L x W x H)	1.311 x 312 x 1.125 mm
Machine weight approx.	160 kg
Compressed air	248 NI/min
Power supply	230 V / 50 Hz
Power consumption	0.1 kWh
Filling pressure	up to 6 bar
Filling time (500 ml/6 bar)	0.8 s
Output (500 ml)	up to 400 bags/hr
Bag size	from 20 ml onwards

*) valid for one filling unit only



KMS
TABLETOP FILLING
MODULE

Bag Fill & Seal – The KMS line

Flexible filling and sealing

Kiefel's semi-automatic tabletop module allows you filling and sealing of high quality pharmaceutical liquids according to your needs. The comfortable KMS module includes a high quality mass flow meter. The module guarantees full flexibility by simply adding further modules.



Smart Fill Technology

The unique Smart Fill Technology implies a neat process. Kiefel sets new standards with unique filling precision: High quality mass flow meter and optimized flow path ensures precision. Filling speed in combination with a small footprint completes the smart solution.

Your added value is our goal

Depending on your individual market requirements you can customize your specific module by choosing from a variety of additional options – ensuring to fully meet your specific requirements and satisfying the product demands.

Mechanical options	Software options	Additional
Vacuum with drop control, Head space, Automatic port loading, Port dispenser, Table	Audit Trail, Process Data Aquisition, Language	IQ/OQ Documentation, Spare and wear parts package, Training

Main benefits at a glance



High comfort

- Fully automatic CIP/SIP process: without manual manipulation – completely integrated
- Predefined process steps ensure best filling quality
- Maintenance: compact design under aseptic viewpoints to meet high hygiene standards
- Easy handling of bags: individual & visible through inspection window
- User friendly handling of touch screen: connectable with other systems (e.g. Manufacturing Execution System or ERP). New and intuitive guidance developed at Kiefel



Top precision

- High precision of filling ensures full control of volume
- Automatic suck back of drops in nozzle (drop-free system) ensuring best filling quality



Full flexibility

- Small footprint: efficient module with low space requirements
- Extendable – further modules can be placed next to each other
- Module can be further customized with options

