

Mini-Glatt

Fluid bed technology goes compact.

Frequently, only small quantities of expensive products are available for research, development, universities and technical colleges. But sometimes less is more – with Mini-Glatt. Greater efficiency. Greater flexibility. More compact design.

Mini-Glatt for minimum product volumes. Flexible range of services for all fluid bed processes: Drying, granulating / agglomerating, coating. Bottomand top-spray process.

Mini-Glatt fluid bed system for batch volumes of 25 g – 375 g





The Mini-Glatt – Ideal for experiments on a small scale for all fluid bed processes

Mini-Glatt + Micro-Kit

The Mini-Glatt can be retrofitted with the patented Micro-Kit – tailored for the smallest of product volumes.

Suitable for almost all fluid bed processes: Drying, granulating / agglomerating and coating using bottom-spray process.

Micro-Kit retrofit set for the Mini-Glatt for batch volumes from 2.5 g

All the Micro-Kit components are accommodated in a compact aluminium transport box. Dismantling the Micro-Kit is easy and cleaning it is a simple matter.



Micro-Kit – the retrofit set for the Mini-Glatt, tailored for the smallest of product volumes

Mini-Glatt / Midi-Glatt

Perfect solutions and sophisticated design.

Mini-Glatt and Midi-Glatt provide all the advantages of integrated technology – combined with innovative design and optimum processing.

Compact design

Integrated plug and play technology, ready for immediate use, simply connect power and compressed air.

Perfect handling, easy cleaning

Machine tower can be fully dismantled in just a few easy steps and the stainless steel filters have a blow back cleaning system.

Simple data acquisition

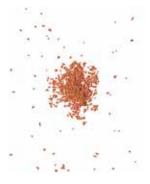
Standard interface to connect an external data logger to document essential process parameters.

GMP option

Requirement for manufacturing clinical samples. All components GMP compliant. Can be validated and qualified with appropriate documentation.

Mini-Glatt and Midi-Glatt – interchangeable machine towers

Is the desired product volume too large or too small for the machine tower? No problem - simply change over the machine towers. Can even be retrofitted.



Mini-Glatt and Midi-Glatt can be dismantled within seconds and cleaning is child's play.

Mini-Glatt / Midi-Glatt components of machine towers









Patented metal filter cartridges with blow back cleaning system







Spray and decompression housing



Granulation insert



Lower plenum

The logical progression from the Mini-Glatt. Larger machine tower for increased product volume whilst maintaining the same degree of flexibility and compact design.

Flexible implementation for all fluid bed processes: Drying, granulating / agglomerating, coating. Bottom- and top-spray process.

Midi-Glatt fluid bed system for batch volumes of 375 g – 1350 g



Midi-Glatt controls / Mini-Glatt controls intuitive, easy, direct access to all parameters and settings



for all fluid bed processes







Technical data



An innovative concept with integrated technology: accurate, compact and immediately ready to use.

Mini-Glatt fluid bed system / Micro-Kit retrofit set

Product vessel	
Mini-Glatt batch sizes	25 – 375 g
Micro-Kit batch sizes	from 2.5 g
Electrical power	
Operating voltage	230 V
Frequency	50 / 60 Hz
Total connected load	3.3 kVA
Connector	1, N, PE 230 V / 16 A
Compressed air	
Consumption	Max. 100 Nm3/ h*
Connection	Hose connection DN 7.2
Maximum pressure	5 - 6 bar
Electric heating unit	
Inlet air temperature	Max. 80° C
Dimensions	
Height	840 mm
Width	650 mm
Depth	700 mm
Weight	80 kg
Spray pump (option)	
Max. output	100 ml / min
Connection voltage	230 V
Frequency	50 / 60 Hz

* Typical consumption 30 - 40 Nm³ / h incl. required volume of air for fluidization (Subject to technical modifications)



Midi-Glatt fluid bed system

Product vessel	
Midi-Glatt batch sizes	375 – 1350 g
Electrical power	
Operating voltage	230 V
Frequency	50 / 60 Hz
Total connected load	3.3 kVA
Connector	1, N, PE 230 V / 16 A
Compressed air	
Consumption	Max. 100 Nm3/ h*
Connection	Hose connection DN 7.2
Maximum pressure	5 - 6 bar
Electric heating unit	
Inlet air temperature	Max. 80° C
Dimensions	
Height	850 mm
Width	650 mm
Depth	700 mm
Weight	90 kg
Spray pump (option)	
Max. output	100 ml / min
Connection voltage	230 V
Frequency	50 / 60 Hz

* Typical consumption 35 - 45 Nm³ / h incl. required volume of air for fluidization (Subject to technical modifications)







Addresses

The international group of Glatt companies employ over 1500 people in 20 countries.



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