

Ultrasonic Sieve Insert (US07)

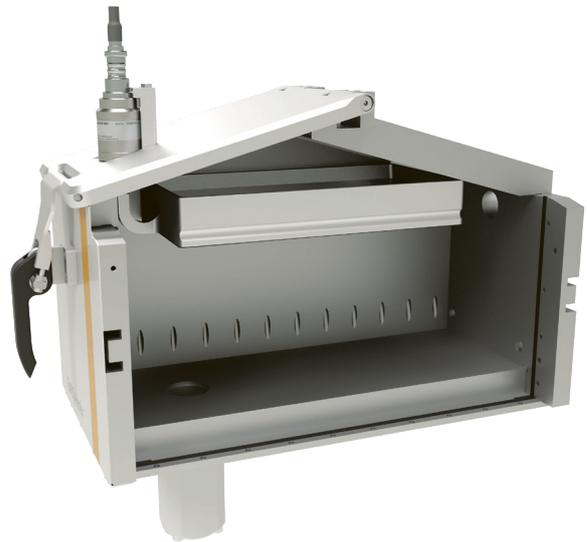
Powder processing for highest quality demands

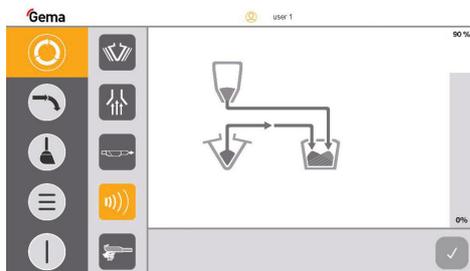
The ultrasonic sieve insert US07 cleans and loosens the powder in the powder container of the OptiCenter device series OC06, OC07, OC08 and prepares it for excellent coating results. Screening is carried out as required for fresh and/or recycled powder.

An ultrasonic generator sets the free-swinging sieve surface in uniform motion and enables gentle sieving free of hotspots.

Advantages of the UltraSonic sieve (US07)

- Improved application efficiency
- Dissolving and loosening of powder accumulations
- Substantial powder savings
- Retention of dirt particles and fibres
- Self-explanatory sieve activation via the OptiControl control system
- Optimized sieve solution for OptiCenter
- Coupling-free integration into the powder container, so that screening is free-swinging and highly efficient
- Controlled sieve frequency
- Different Mesh sizes available
- Ergonomic and easy access for cleaning the complete sieve insert
- ATEX certified (dust approval)





Integrated operation

The operation of the OptiCenter is intuitive and takes place via the 7" touch screen of the integrated OptiControl control. The ultrasonic sieve is activated or deactivated at the touch of a button.



Sieve converter

Sieve frame



Sieve generator

System components

Sieve converter SK3510 ODU ATEX

- Category C $\text{\textcircled{E}}$ II 1/2 D Ex tb IIIC T130 °C Da/Db
- Nominal frequency 33-37 kHz
- Protection class IP64

Sieve frame ED 340x175x51 mm

- Standard mesh size 250 μm
- Sieving capacity maximum at 250 μm
Mesh size 3 - 4 kg/min
(depending on type of powder)
- Further mesh sizes on request

Sieve generator SG4L pro

- Power consumption max. 100 W
- Ambient temperature 5 - 40 °C
- Protection class IP54 (installed in the OptiCenter)

Gema Switzerland reserves the right to make technical changes without notice!

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