KIEFEL
TECHNOLOGIES

A Member of Brückner Group



Meets cGMP & FDA standards

MEDICAL INDUSTRY

SOLID STATE GENERATOR

KGS PCon

PPlus
Optimized Power Technology

POWER made by KIEFEL

The semiconductor generator

The innovative solid state generator is using state-of-the-art technology. No matter what products you will run on your production line – the Kiefel semiconductor generator is the best solution to supply high RF energy. Depending on your individual requirements the output power can be regulated from 0% to 100% – there is no need to change a generator anymore for producing different products.
The high Kiefel quality standards ensure a reliable every-day operation – the generator you can count on!



Optimized Power Technology

Innovation by Kiefel. The semiconductor technology provides the exact power you need and ensures full flexibility for your production process while easy handling.

1st First in market

One step into the future

Advancing from vacuum devices to semiconductor technology. The innovative semiconductor technology offers serious advantages for you – benefit from the new technology generation!

Tested – for your satisfaction

- Stable welding quality
- Stable output quantity and quality







Main benefits at a glance

Full flexibility

- Power is indvidually adjustable from 0% to 100% – full flexibility to use the generator for a broad range of tools and products
- Optimally suitable for clean room use – closed cooling system, no air turbulence
- Cascadable output power (8 kW / 16 kW / 24 kW)

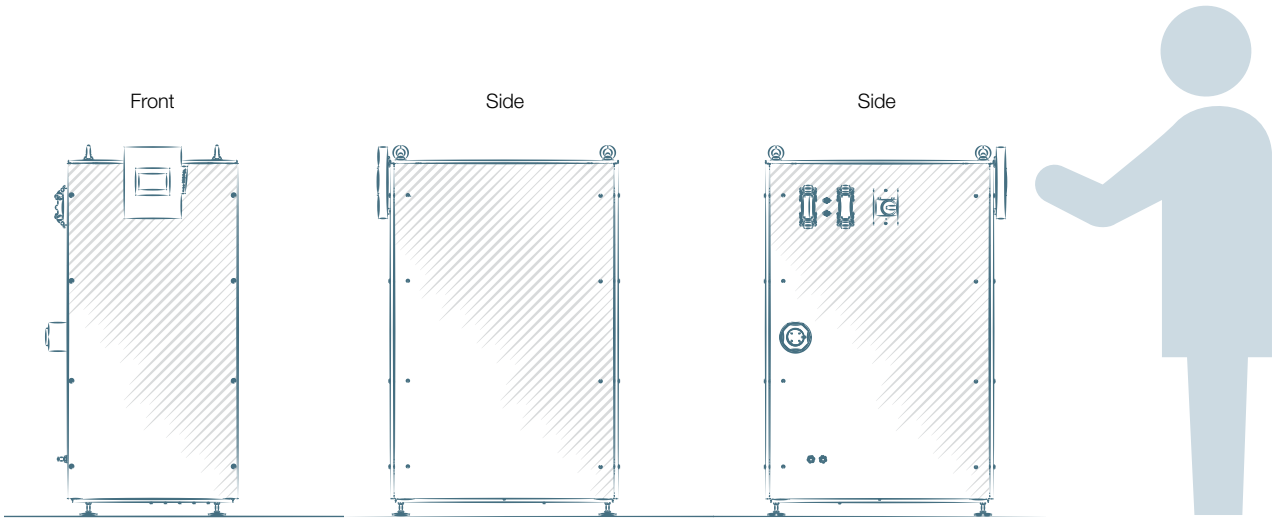
Long lasting

- Stable output power over the entire lifetime
- Maintenance-free device
- Fast switch-off in case of arc-over
- Highly tolerant against power supply variations
- Robust against mismatch

High comfort

- Reduced operation cost
- No specific operator know-how required
- Monitoring of generator performance
- Easy-to-use HMI
- Easy operation and increase of safety
- Allows 1:1 replacement of tube generators

The KIEFEL solid-state generator



The state-of-the-art generator
Innovative semiconductor technology. Full power flexibility allows for the broadest product range. Easy-to-operate, small form factor, optimally fit for clean room operation – a real added value.

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

Technical data

(8 kW Generator)

Dimension (L x W x H)	848 x 674 x 1.339 mm
Machine weight approx.	300 kg
Power supply	3 x 400 V / 50/60 Hz
Power consumption	21.5 kVA / 30 A
Cooling water supply	1/2 “
Cooling water flow	400 – 800 l/h

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