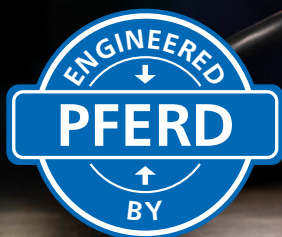


INNOVATION



RCK drive system

Pioneering productivity

- Boosts productivity by up to 50 % thanks to constant rotational speed.
- Comfortable, ergonomic working with fast, optimal results.
- Can be used with a battery for mobile use or a power supply unit, for a variety of industrial applications.

RCK drive system

Pioneering productivity



The RCK drive system with stepless rotational speed regulation is an innovative solution that combines **maximum productivity with significant ergonomic benefits**. The system produces less noise and lower vibrations than conventional drives.

In combination with the mobile control device and various handpieces, the system is **particularly light, comfortable and flexible to use for operators**. The handpieces also enable a wide range of tools to be used in virtually any industry. The system is designed for **continuous use at a constant rotational speed** and can be used with a power supply unit as well as a **powerful battery**.

Advantages:

- Boosts productivity by up to 50 % thanks to constant rotational speed.
- Comfortable, ergonomic working with fast, optimal results.
- Can be used with a battery for mobile use or a power supply unit, for a variety of industrial applications.



Find out more about the RCK drive system.

PFERDVALUE – your added value with PFERD

The RCK drive system was designed with the aim of maximizing ergonomics and efficiency. It enables users to work comfortably whilst maximizing productivity in continuous use.

PFERDERGONOMICS:

- Compared with conventional electric drives, the RCK handpieces are much lighter whilst offering the same power.
- Particularly quiet when in use thanks to special design.
- The low-vibration handpiece technology minimizes the burden on the workers.



PFERDEFFICIENCY:

- Due to the power of the handpieces and the stable speed when in use, users can significantly boost their productivity.
- The interaction between the control device and handpiece makes the RCK drive system an energy-efficient and cost-efficient alternative for industrial applications.



Find out more about PFERDVALUE – your added value with PFERD.

When used with the battery, also suitable
for work inside conductive components





RCK STG 10/800 control device

Control device that enables different handpieces to be actuated precisely. Achieves a maximum rotational speed of 80,000 RPM and keeps it stable during operation.



Special features:

- Equipped with intelligent control electronics.
- Comes with a sturdy design.
- Can run on battery power or with a power supply unit.

Max. RPM	Max. power consumption [watts]	Max. power output [watts]	Max. supply voltage [volts]	Net weight [kg]	Item no.	Designation
80,000	1,560	1,000	50.4 – 58.8	4.930	83001000	RCK STG 10/800

Accessories for RCK system



High-performance rechargeable battery RCK BAT

High-performance rechargeable battery with 50.4 V nominal voltage.



Special features:

- Work safely with safety extra-low voltage.
- Overload protection.

Cell type	Nominal voltage [volts]	Nominal capacity [Ah]	Energy [Wh]	Net weight [kg]	Item no.	Designation
Lithium-ion	50.4	5.6	282.24	1.950	98990001	RCK BAT



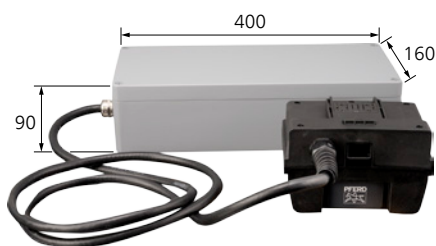
Rapid charger RCK SL

Rapid charger with universal IEC power connector.

Contents:

2 m power cable.

Input voltage [VAC]	Frequency [Hz]	Max. power consumption [watts]	Max. charging current [A]	Net weight [kg]	Item no.	Designation
100 – 240	50 – 60	300	4.6	1.219	98990010	RCK SL



Electronic power supply unit RCK NT

Electronic power supply unit with universal IEC power connector and dust-protected housing.



Contents:
2 m power cable.

Input voltage [V/V]	Nominal current [A/A]	Frequency [Hz]	Nominal voltage [volts]	Net weight [kg]	Item no.	Designation
120 / 240	9 / 6.5	50 – 60	57.5	5.610	98990020	RCK NT



Vario foot switch RCK FU-R

Vario foot switch which can be connected on the rear of the RCK control device and can be used to control the rotational speed of the RCK handpieces.

Net weight [kg]	Item no.	Designation
0.845	98990030	RCK FU-R



Foot switch RCK E-/A-FU

On/off foot switch which can be connected on the rear of the RCK control device and can be used to switch the RCK handpieces on and off.

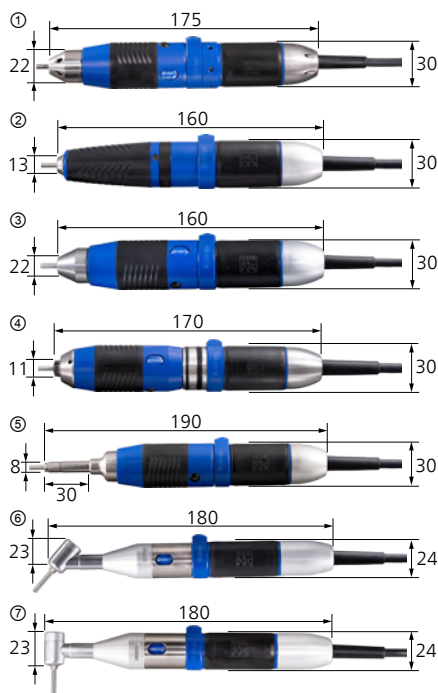
Net weight [kg]	Item no.	Designation
0.310	98990031	RCK E-A-FU



RCK connecting cable AK 1.5/2/3/5

RCK connecting cable measuring 1.5; 2; 3 and 5 metres for the use of RCK handpieces.

Length [m]	Net weight [kg]	Item no.	Designation
1.5	0.196	98990040	RCK AK 1.5
2	0.246	98990041	RCK AK 2
3	0.346	98990042	RCK AK 3
5	0.546	98990043	RCK AK 5



RCK handpieces in slim design

The RCK handpieces have a brushless motor with a very stable speed and improved ergonomics.



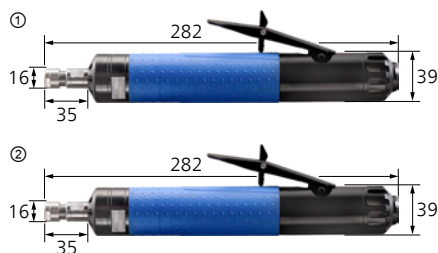
Contents:

2 keys, 3 mm collet, 1.8 m handpiece cable.

Special features:

- Slim and light design.
- Very high concentricity speed and very quiet.
- Automatic speed limitation.
- SP: Start interlock without clamped tool.

RPM	Power output [watts]	Max. voltage [volts]	Collet group	Image	Net weight [kg]	Item no.	Designation
Straight handpieces							
80,000 – 40,000	180	58	17	①	0.330	83002001	RCK GS 2/800 SP
60,000 – 30,000	150	58	17	②	0.260	83002002	RCK GS 2/600 Z-SP
				③	0.315	83002003	RCK GS 2/600 SP
				④	0.393	83002004	RCK GS 2/600
50,000 – 25,000	150	58	17	⑤	0.325	83002005	RCK GS 2/500 V-SP
Angle handpieces							
30,000 – 15,000	120	58	18	⑥	0.243	83003002	RCK WS 1/300 45°
				⑦	0.245	83003001	RCK WS 1/300 90°



RCK handpieces in sturdy design

The RCK handpieces have a brushless motor with a very stable speed and improved ergonomics.



Contents:

2 keys, 6 mm collet, 2 m handpiece cable.

Special features:

- Unique, sturdy design for particularly quiet working.

RPM	Power output [watts]	Max. voltage [volts]	Collet group	Image	Net weight [kg]	Item no.	Designation
40,000 – 20,000	380	58	21	①	0.885	83004001	RCK GS 4/400
10,000 – 5,000	380	58	21	②	0.877	83004002	RCK GS 4/100