

# jolke



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Made in Germany

## ENESKAsonic

The most innovative advancement  
in the field of ultrasonics

# Ultrasonic lapping and polishing system ENESKAsonic • handpieces

**The most innovative advancement in the field of ultrasonics**  
**ENESKAsonic – high-efficiency, leading-edge, latest generation for finest stock removal**

We wish the newest member of the joke family a very warm welcome. As with the ENESKAmicro, the ENESKAsonic ultrasonic system is characterised by consistent advancements in every respect. An outstanding feature is the sophisticated design combined with convenient high-tech equipment.

#### Highlights:

- The TUNE function determines the optimum frequency.
- Boost function for applications requiring greater power
- intuitive touch operation combined with a rotary controller on high-quality glass
- modern LED-assisted multifunctional display
- idle timer detects unused handpieces and protects against wear
- USB charging connection enables for example optional addition of a workplace light without a further power source

The ENESKAsonic is used for polishing and lapping in the frequency range of between 20 and 30 kHz. The TUNE function determines the optimum frequency. The infinitely adjustable power control is suitable for fine, delicate work on narrow webs and edges as well as in boost mode for power-intensive, extra abrasive work with sintered diamond files. The LED-assisted display shows the widest range of operating parameters and settings. The 140 g lightweight handpiece with an M6 fine thread is comfortable to hold and enables fatigue-free work.

It was especially important to our development department that this addition to our family should also be “100 % Made in Germany” and be reverse-compatible with ENESKA 2-1 handpieces. Guaranteeing this demand for particularly high quality is a major concern for us and protects your years of investment.

Combine the ENESKAsonic with an ENESKAmicro and you will receive an unbeatable tandem fully specialised in their respective fields.



	Order No.	Price from
<b>Control unit ENESKAsonic</b>	<b>0 012 001</b>	1590,00 €
Technical Data:		
Output:	max. 80 W	
Dimensions (w x h x d):	135 x 235 x 200 mm	
Weight:	2.7 kg	
Supply voltage:	115/230 V, 50/60 Hz, 150 VA	



#### ↓ matching set

	Order No.	Price from
<b>Ultrasonic lapping and polishing system set ENESKAsonic</b>	<b>0 012 000</b>	2950,00 €
The set contains the following components:		
1 x control unit ENESKAsonic (Order No. 0 012 001)		
1 x ultrasonic handpiece JUS-45PB-ES (Order No. 0 012 003)		
1 x handpiece support, standard, black (Order No. 0 011 110)		
1 x screen protector made of tempered glass (Order No. 0 011 098-G)		
1 x power cord set for Germany, Switzerland, England and Europe (Order No. 0 007 435-1)		
2 x 4 A fuse for 110 V use (Order No. 1 711 407-1)		
1 x allen key (Order No. 0 006 304)		
2 x chuck key (Order No. 0 006 347)		
1 x tool holder – Ø 3 mm bore (Order No. 0 006 306-E)		
1 x tool holder – 1 mm slot width (Order No. 0 006 310-E)		



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# Extremely intelligent with maximum performance

## The ENESKAsonic “tuned” by itself!



### TUNE function

The ENESKAsonic is the first device in its class to always set the optimum frequency of the tool at the start of an operation or after pressing the button.

...whether the tool is long or short, light or heavy... the ENESKAsonic “tunes” itself automatically! In this way, we guarantee a markedly longer service life and optimum stock removal for a perfect surface. Even ceramic fibre files no longer need to be shortened!

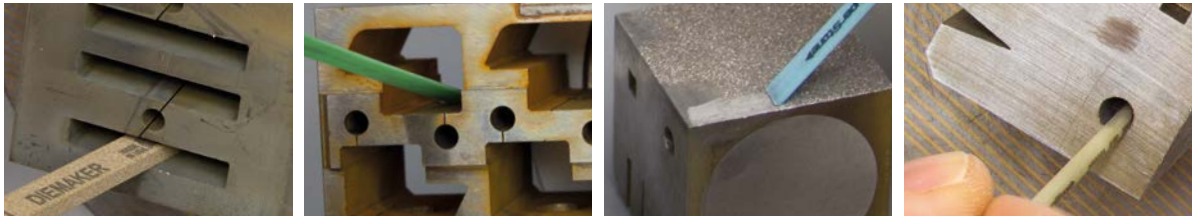


### BOOST function

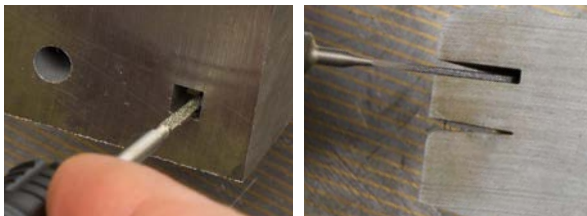
Give all you’ve got is the motto here!

With eroded surfaces, which are generally coarse and hard, the ENESKAsonic with its BOOST function (power up) is able to easily remove this surface. Its power, despite being high, can be very finely dispensed and the surface can be optimally processed.

## Application examples



Surfaces can be worked without altering the dimensional accuracy or geometry.




With the right tool, the ENESKAsonic can also work inside bores, ribs or on deep lying surfaces.

Other tools can be found in our catalogue or online at

[www.joke.de](http://www.joke.de)

### matching handpiece

		Order No.	Price from 1 piece
<b>Rapid-chuck handpiece JUS-45 PB-ES</b>			
	Receptacle:	M6/fine	<b>0 012 003</b> 1560,00 €
	Frequency:	22.5 kHz (40 µm)	
	Dimensions:	Ø 28 x 134 mm	
	Weight:	140 g (without cable)	
	Cable length:	2 m	
	Output:	50 W	



# Coming soon

## ENESKA micro mobile

Our new, **mobile** grinding and polishing system - more power and compatible with all current ENESKA micro handpieces and motors!

Find out more about our ENESKA micro in the **autumn!**

Combine the ENESKAsonic with an ENESKA micro and you will receive an unbeatable team of specialists fully trained in their respective fields!

- 60.000 rpm
- 280 watts
- Utmost true running
- highest clamping force in the world
- Handpieces & motors universally compatible
- PLC-compatible
- Based on IP 54
- User interface can be used in eight languages



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The joke ENESKA micro also convinced the jury of the MM Award at the EMO 2017 in Hanover, who nominated it one of the most innovative exhibits in the field of drives.

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