

SONOREX CNp 28-2/CNp 28-2 L

High-performance ultrasonic baths with pulsed vacuum



Effective cleaning using CNp (Cyclic Nucleation Process), a combination of ultrasonic and pulsed vacuum cleaning in one compact device. For residue-free cleaning of complex components, capillary cavities, hoses or bulk solids.



	CNp 28-2	CNp 28-2 L
Code No.	7200	7210
Oscillating tanks		
Inner dimensions, L × W × D	510 × 300 × 260/280* mm, *inclined tank bottom	
Filling level mark from the middle of the tank bottom	185 mm	
Level sensor	on the narrow tank side	
Tank edges	rounded	
Capacity	40 l per tank	
Operating volume up to filling level mark	28 l per tank	
Tank material	Stainless steel 1.4404, 2 mm, welded	
Outlet	2 × G 1, on the rear side	
Ultrasound		
Ultrasonic peak power equals 4 times ultrasonic nominal power	1,200 W per tank	240/480/960/1,200 W, per tank
Ultrasonic nominal power	300 W per tank	60/180/240/300 W, per tank
Power density	11 W/l	2 – 11 W/l
Power setting	100%	20/40 /60/80/100% (adjustable with step switch)
Ultrasonic frequency	35 kHz	
Sweep	✓	
Oscillating systems	8 units on the bottom of each tank	
Ultrasonic generators (2 units)	TG 300 CNp	TG 300-S CNp
Control	Front panel with touchscreen	
Time setting	Countdown operation: 1 – 99 min.	
Main switch with emergency stop function	on the front	

Temperature control	
Adjustable temperature range	50 – 75 °C
Temperature display	on the front panel
Heating power	2,600 W per tank
Features	
Compressed air requirements	min. 5 bar, 344 NI/min (short-term)
Vacuum	max.: -900 mbar
Basket holder with basket	Basket inner dimensions 455 × 245 × 50 mm
Hinged lid	Hinged lid with glass window
Housing	
External dimensions, L × W × H	1,500 × 775 × 1,040 mm
Working height upper edge of cleaning tank	945 mm
Feet	4 castor feet, 100 mm diameter, two lockable
Power supply	
Mains supply	400 V 3N~ (± 10 %), 50/60 Hz
Power consumption	6.6 kW
Current consumption	max. 13 A per phase
Fuse	16 A
Mains cable	3 m, connected to the device, with 3-phase power plug CEKON 16 A
Protection class	I
Environmental conditions	
Permissible ambient temperature	5 – 40 °C
Permissible relative humidity up to 31 °C	80 %
Permissible relative humidity up to 40 °C	50 %
Shipping information	
Weight net gross	285 kg 320 kg
Packaging, L × W × H	1 special pallet, 1650 x 1150 x 1150 mm
Ready-to-use set	consisting of SONOREX CNp 28-2 resp. SONOREX CNp 28-2 L, two inset baskets K 28 EM and two basket holders KT 28

Accessories

Type	Code No.	Description	Illustrations
K 28 EM	7202	Inset basket (basket holder required), Load max. 10 kg, inner dimensions 455 × 245 × 50 mm, Mesh size 5 × 5 mm	 K 28 EM
KT 28	7203	Basket holder for inset basket K 28 EM or 1/1 DIN basket Load max. 10 kg	 KT 28
	7207	Vacuum measurement adapter Bourdon tube pressure gauge for gaseous and liquid media. Pre-assembled in acrylic glass pane. Connection made of stainless steel AISI 316 L.	