



S W1

Watercooling for milling spindle

Your alternative solution to a turbine

The new S W1 water cooling in combination with all current Schick milling machines is the ideal alternative solution to wet milling with a turbine. For the first time, it offers the user the option of machining all-ceramic primary parts without the need for time-consuming conversion of the milling machine. The water feed is controlled by means of a rotary knob integrated into the unit. Compared to a compressed air driven turbine, the motor milling spindle achieves absolutely precise results, especially in the case of 0° milling. Thus, the combination of a Schick motor milling spindle and S W1 water cooling fully meets the increased requirements in the field of digital fabrication of ceramic primary parts.

Your benefits

- ▶ Cost-effective alternative to turbines
- ▶ Adjustable water feed
- ▶ No compressed air required
- ▶ Higher and consistent torque of your Schick milling spindle compared to a turbine
- ▶ Highest precision due to milling spindle without bearing clearance

S W1 Watercooling for Schick milling spindle
art.-No. 2990

Scope of delivery:

S W1 Station, water tank,
S W1 light head with hose connection,
reducer for chuck 3 mm to 1,6 mm,
reducer for chuck 2,35 mm to 1,6 mm

Important information:

- ▶ S W1 is suitable for Schick milling machines S1 Basic, S2 Master, S2 Profi, S3 Master
- ▶ Power supply for light head (art.-no. 2480/1) is needed if you want to use the S W1 with your S1 Basic
- ▶ **Recommendation:** Conversion of your existing Schick milling spindle to a high-grade steel version to prevent any possible corrosion

Technical data

Operating voltage	100-240 V
Operating frequency	50/60 Hz
Dimensions (WxHxD)	170 x 170 x 85 mm
Weight (empty)	1,4 Kg
Pumping capacity	max. 60 ml/min
Tank capacity	0,5 l



SCHICK
create the future



S W1 - Now also available in a ceramic milling set!



S W1 Ceramic milling set for S1 Basic milling unit

Art.-No. 2990/1

Scope of delivery:

S W1 Watercooling for Schick milling spindle, collection tub without nozzle, model table stainless steel, power supply light head for S1 Basic, reducer for chuck 3 mm to 1,6 mm, reducer for chuck 2,35 mm to 1,6 mm

S W1 Ceramic milling set for S2 und S3 milling units

Art.-No. 2990/2

Scope of delivery:

S W1 Watercooling for Schick milling spindle, collection tub without nozzle, model table stainless steel, reducer for chuck 3 mm to 1,6 mm, reducer for chuck 2,35 mm to 1,6 mm



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