



PRECISION TECHNOLOGY

FOR INDUSTRY AND CRAFTS



SCHICK
INDUSTRIE



User-friendly & practice-oriented

Intelligent control electronics

The IQ3 from Schick is the new powerful yet compact control unit for all Schick handpieces and spindles. Equipped with three motor connections, the IQ3 control unit supports stepless speed control and stores the set maximum speeds for each connection individually.

Optimum performance

A low starting speed of only 200 rpm when using the dynamic foot control and maximum speeds of up to 100,000 rpm (when using MT 100) enable applications for which a wide variety of devices were previously required. The peak power of 370 watts allows the most demanding materials to be machined. If the MT S/MT S Slim handpiece is used with the IQ3 control unit, the motor can be started directly via a switch.

Versatile and reliable

The bright OLED display clearly shows all important parameters and is easy to read from all angles. Additional functions such as clockwise/anticlockwise rotation can be conveniently activated via direct selection keys. Inputs such as motor selection or changing the direction of rotation are acknowledged by a short vibration of the handpiece.

Your benefits

- ▶ High power of up to 370 watts and 100,000 rpm (when using MT 100)
- ▶ Three connections for handpieces and spindles
- ▶ Intelligent connection monitoring
- ▶ Perfectly readable display

OPTIMUM POWER



IQ3 control unit
Art.-no. 10700



Technical data	
Number of revolutions	200 – 60.000 rpm resp. 200 – 100.000 rpm
Weight	2.110 g
Dimensions	135 mm, 250 mm, 215 mm
Operating voltage	100 – 240 Volt
Operating frequency	50/60 Hz
Power	300 Watt / max. 370 Watt
Drive system	Brushless DC motor
Warranty	1 year SCHICK-warranty

LEADING-EDGE TECHNOLOGY



W 90 Art.-no. 10101
contra-angle handpiece 90°



W 50 Art.-no. 10103
contra-angle handpiece 50°



MT 100 Art.-no. 9006
high-speed handpiece with up to
100.000 rpm and quick-action chuck



MT Profi Art.-no. 10210
handpiece with quick-action chuck



MT S Art.-no. 9630
handpiece with switch, LED Light ring
and quick-action chuck



MT W Art.-no. 10105
motor for alternating holding



MT S Slim Art.-no. 9630/1
slim handpiece with switch, LED Light ring
and quick-action chuck



MT Slim Art.-no. 9400/11
handpiece with slim grip sleeve



MT 6 Art.-no. 10170
handpiece 6 mm



MT 6-1 Art.-no. 10295
industry spindle 6 mm with stainless steel
jacket, ideal for use in machine tools

POWERFUL, ROBUST, PRECISE



The new control unit for several SCHICK spindles



IQ3 control unit
Art.-no. 10700



foot switch (on/off) (optional)
Art.-no. 6370/2



dynamic foot control (optional)
Art.-no. 9440

High-performance spindles

For stationary applications

The industrial drilling and milling spindle IS 6 with 6 mm chuck was particularly developed for special applications for stationary use in automatic lathes, machining centres or milling machines.

Highest precision and pulling power at 40,000 rpm are no problem for the high-performance spindles from Schick.

Video IS 6 at:
www.schick-industrie.de/is6



IS 6 Art.-no. 10200
High-performance spindle 6 mm for stationary use preferably for dry work



IS 6-1 Art.-no. 10200/1
High-performance spindle 6 mm with sealing air connection for stationary use by application of cooling lubricant

Technical data handpieces and spindles



	MT 100	MT S / MT S Slim	MT Profi / MT Slim
Diameter	Max. 29 mm	Max. 31 mm	Max. 30 mm
Length	138 mm	177 mm / 175 mm	158 mm / 158 mm
Weight with cable	330 g	400 g / 380 g	380 g / 360 g
Drive system	Brushless DC-Motor	Brushless DC-Motor	Brushless DC-Motor
Highest number of revolutions	100.000 rpm	60.000 rpm	60.000 rpm
Concentricity	< 0,02 mm	< 0,02 mm	< 0,02 mm
Chucks	Ø 3,00 mm (Standard) Ø 2,35 mm (Optional)	Ø 3,00 mm (Standard) Ø 1,60 mm/2,35 mm/3,175 mm (Optional)	Ø 3,00 mm (Standard) Ø 1,60 mm/2,35 mm/3,175 mm (Optional)
Tool change	Quick release	Quick release	Quick release



	MT W	MT 6 / MT 6-1	IS 6 / IS 6-1
Diameter	Max. 28 mm	Max. 28 mm	Max. 28 mm
Length	110 mm	142 mm / 142 mm	115 mm / 115 mm
Weight with cable	220 g	360 g / 440 g	590 g / 570 g
Drive system	Brushless DC-Motor	Brushless DC-Motor	Brushless DC-Motor
Highest number of revolutions	30.000 rpm	40.000 rpm	40.000 rpm
Concentricity		< 0,03 mm	< 0,03 mm
Chucks		Ø 6,00 mm	Ø 6,00 mm

MT A

Mobile and independent working

The battery handpiece MT A from Schick is the ideal universal tool for deburring, milling and polishing if mobility and independence from the mains are required.

Powerfull

The high power of 5.5 Ncm at 30.000 rpm enables easy machining of all materials and covers almost all application areas. The comfortable quick release makes simple and fast tool changes possible.

Your benefits

- ▶ Highest precision and concentricity properties
- ▶ Quick release for simple tool changes
- ▶ Battery capacity display
- ▶ Can be switched between right- and left-hand motion
- ▶ Optional connecting cable for separation of battery and handpiece

Technical data	
Number of revolutions	3.000 – 30.000 1/min
Weight battery / handpiece	250 g / 194 g
Dimensions battery handpiece	71 mm, 125 mm, 43 mm
Capacity	3.500 mAh
Torque	5,5 Ncm
Operating voltage charging station	90 – 264 Volt
Battery voltage	10,8 Volt
Operating frequency	50/60 Hz
Drive system	Brushless DC-Motor
Warranty	1 year SCHICK-warranty
Overload protection	Electronic



MT A battery handpiece complete
Art.-no. 9605
Scope of delivery: battery handpiece MT A, control unit, charging station with chuck tools, transport case

Flexible

The battery handpiece MT A offers the option of separating the battery from the handpiece and connecting both with a cable (Art.-no. 9604).

A tool belt (Art.-no. 9654), that provides space for the control unit with integrated battery and connecting cable, ensures maximum freedom of movement.

optionally available



connecting cable
Art.-no. 9604



tool belt
Art.-no. 9654

PERFECT ILLUMINATION AND PROTECTION

L Protect TS

Powerful light, perfect protection

The LED illuminated Schick protective glass offers a unique combination of modern, energy saving workplace illumination and a protective glass made of ESG safety glass.

Equipped with highly efficient LEDs, L Protect provides perfect illumination of the workplace without disturbing shadows and guarantees a maximum of safety at work. With an illuminance of 2500 Lux (brighter than two 60 W light bulbs) and a consumption of 8 Watt, L Protect is an economical alternative or supplement to conventional illumination systems.



LProtect TS

Art.-No. 4495

Scope of delivery: protective glass, illuminated frame with LEDs, bracket, clip, plug-in ac-adapter

Technical data

Illuminance	2500 Lux
Colour temperature	6000 K
Light colour	Daylight white
Nominal voltage	100 – 240 Volt
Operating frequency	50/60 Hz
Input capacity	8 Watt
Operating voltage	12 Volt
Warranty	1 year SCHICK-warranty

Illumination frame

Height	240 mm
Width	190 mm

Protective glass pane

Height	205 mm
Width	160 mm
Thickness	4 mm

Single safety glass pane acc. to DIN EN 12150-1

MAXIMUM FLEXIBILITY

L Protect SH

Unique LED illuminated protective glass with flexible arm

The sturdy and bendable arm allows flexible positioning of the protective glass in any direction. Different mounting systems enable an easy installation on any machine and every workplace.



LProtect SH

Art.-Nr. 4480

Scope of delivery: protective glass, illuminated frame with LEDs, plug-in ac-adapter
Fastening not included.

Technical data correspond to L Protect TS,
length of flexible arm: 500 mm



Quick fastening
Art.-no. 4492



Table mount
Art.-no. 4492/1



Magnetic base
Art.-no. 4493



Table clamp
Art.-no. 4496



Magnifying glass

Art.-no. 4430

Scope of delivery: lens, bracket,
two suction cups

Magnifying Glass

Excellent sharpness

In combination with Schick's L Protect illuminated frame, the high-quality magnifying glass with its threefold magnification is the ideal solution for precision work.

Technical data

Diameter	75 mm
Dimensions	140 mm, 83 mm, 17 mm
Weight	50 g
Magnification	threefold

Contract manufacturing

SCHICK IS NOT ONLY A MANUFACTURER OF PRECISION EQUIPMENT, BUT ALSO OFFERS INDIVIDUAL SOLUTIONS IN THE FIELD OF CONTRACT MANUFACTURING.

Complex precision parts – individually manufactured

Schick supplies high-precision turned and milled parts for a wide range of industries – also with transverse and reverse side machining. Manufactured on state-of-the-art CNC, turning, milling and machining centres. Benefit from first-class quality, adherence to delivery dates and an excellent price-performance ratio.

Ready-to-install assemblies – competently assembled

Whether mechanical or electrical assemblies: We assemble your components, make solder and crimp connections according to the specifications and reliably test the function. Take advantage of the experience of our qualified employees from the production of high-quality precision equipment.

Our potential – your competence

Save production costs with Schick: Our experts process your workpieces on state-of-the-art equipment – e.g. on up to 8-axis controlled CNC turning centres.

In addition we offer

- ▶ Surface and heat treatments
- ▶ Laser marking
- ▶ External and internal cylindrical grinding
- ▶ Thermal treatment
- ▶ Quality assurance according to DIN ISO 9001:2015

Call us: +49 7356 9500-0



MADE BY SCHICK

PRECISION TECHNOLOGY
FOR INDUSTRY AND CRAFTS

YOUR BENEFITS WITH SCHICK:

- ▶ Personal contact
- ▶ In-house service workshop
- ▶ Completely Made in Germany
- ▶ Worldwide sales and service network





21856 04/23 e subject to technical modifications



Schick GmbH
 Lehenkreuzweg 12
 D-88433 Schemmerhofen
 Phone +49 7356 9500-0
 Fax +49 7356 9500-95
info@schick-industrie.de
www.schick-industrie.de



SCHICK
 ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
 INDUSTRIE