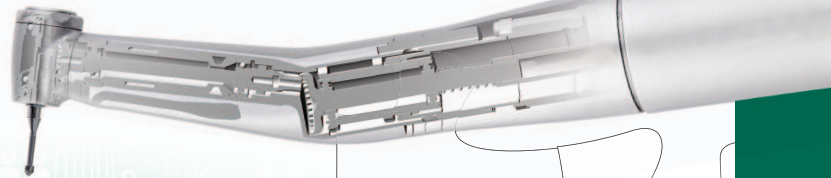


Dental

Motors and Electronics

Technology & Partnership



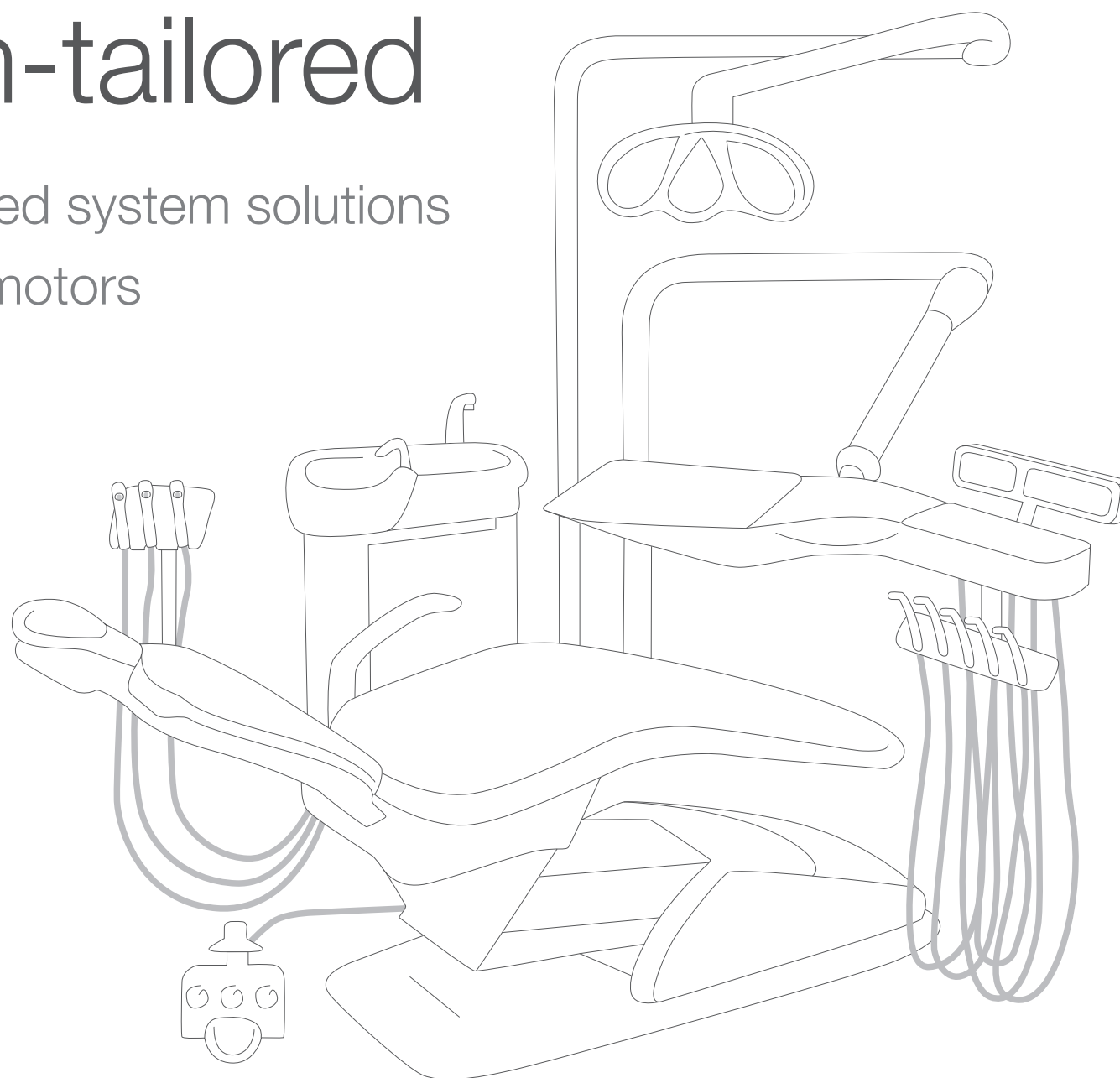
Your Precision and Drives Specialist™



A Sanavis Group Company

Custom-tailored

Customer-oriented system solutions
for dental micromotors



*„Our decision to choose SycoTec is no coincidence.
They provide countless solutions which can't be found elsewhere.“*

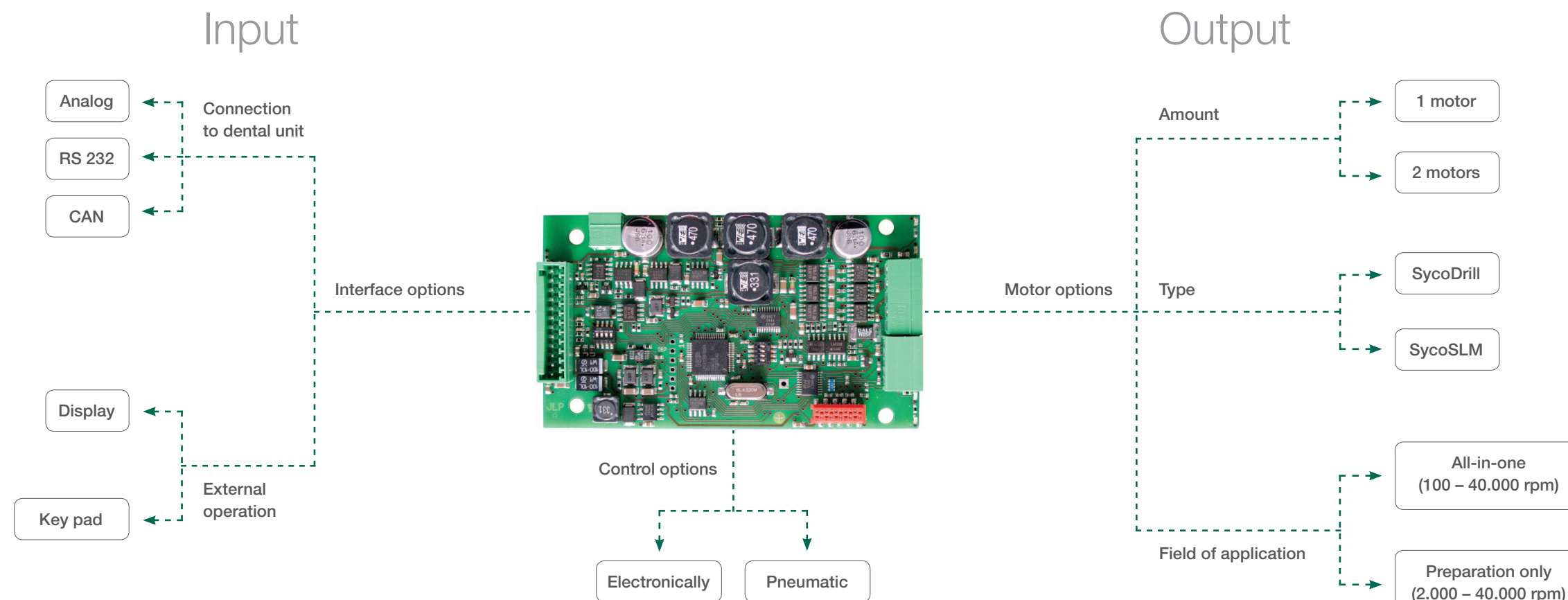
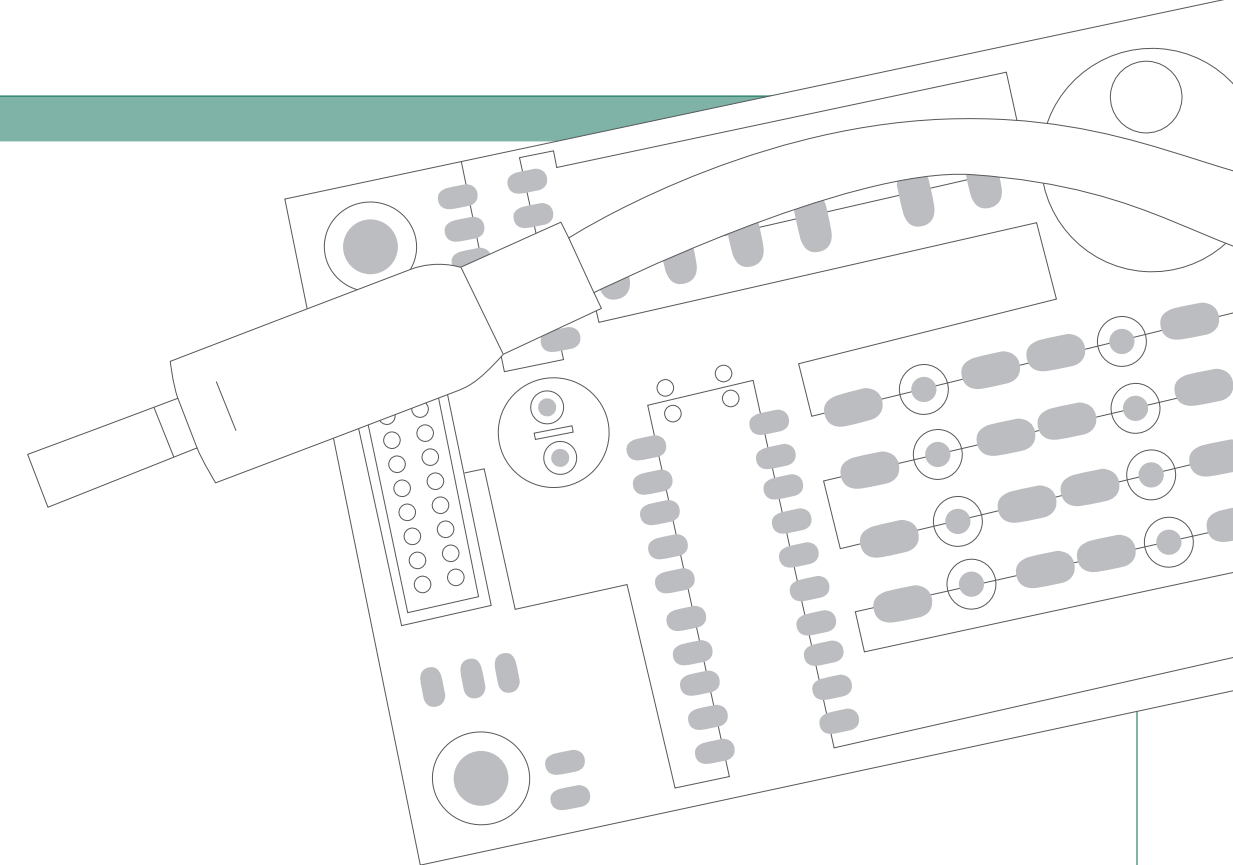
Flexibility and Quality

For more than 50 years SycoTec has been developing and manufacturing innovative drive systems and equipment solutions for industrial and medical applications. With the founding of the Dental Drives business unit, SycoTec has successfully specialized in the fields of dental instruments, maintenance units, and ambitious drive systems.

For dental treatment units SycoTec offers numerous solutions for the integration of modern micromotors. The fulfillment of specific customer requirements is of the highest priority. For the motor control, the integration of parameters into the existing treatment unit's electronics is possible, or by purchasing SycoTec electronics. SycoTec electronics offer multiple options for connection and control to provide the ultimate solution for each step of integration.

Individual

Integration of electronics and motors

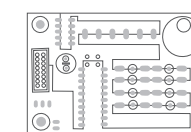


Compatibility of customer requirements

Integration of the SycoTec motor electronics is possible in multiple ways. Various options for the interface, control system, and motors for different applications and requirements are available.

For the motor control a direct connection to the treatment unit is possible by means of different interfaces. Operation can also be handled externally with the use of a panel. The control board is available electronically as well as pneumatically. In the case of complete integration of the motor parameters into the electronics of the dental unit, only the motor and the motor tubing is required. In this case, the customer and supplier will treat this as a common development project.

Option 1



Purchase of electronics, motor and tubing.

Option 2



Purchase of motor and tubing.
Dental treatment unit manufacturer integrates motor parameter in his own electronics

„SycoTec offers individual options, both clever and superb.
Form and function are connected with each other perfectly.“

Independent

Motor control unit with flexible possibilities

Comfort for best performance

The independent motor control system from SycoTec provides an easy plug and play solution for the use of a SycoTec high-tech motor in a dental treatment unit. The unique touch control display offers handling comfort at the highest level. As well as the use of the system as a table model, a separate, space-saving mounting of the monitor and unit housing is also possible. The system is available as an all-in-one unit, including endo functions (100 – 40,000 rpm) or just for the use of preparations (2,000 – 40,000 rpm).



Plug & play options

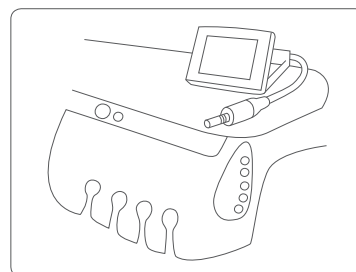


Table top device

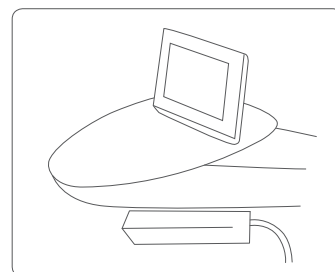
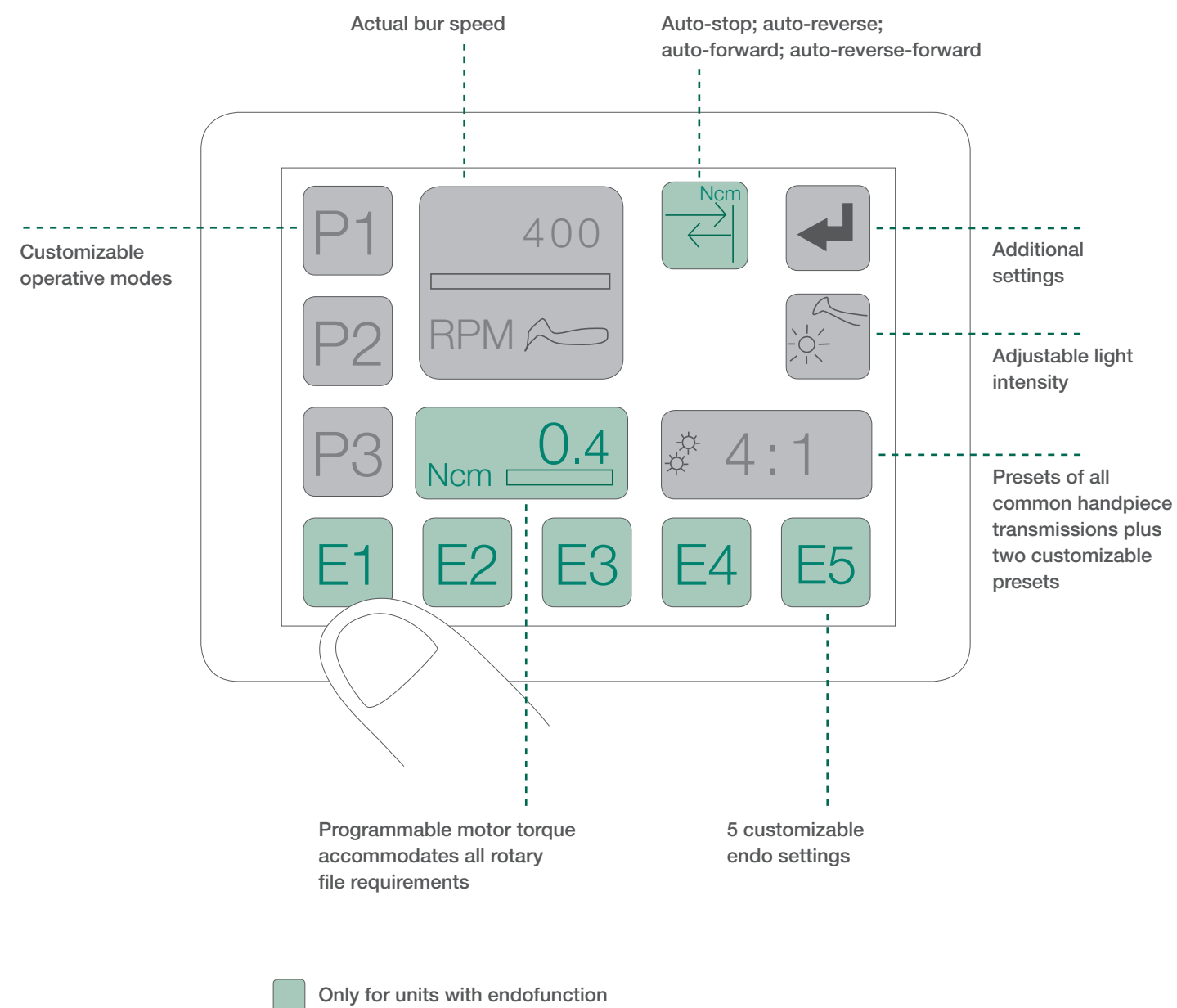


Table top display and adaption of the control unit

Unique Touch-Display



„Easy to use, functional, and user-friendly. This control unit provides joy and security, which I can happily pass on to my patients.”

Powerful motors

SycoSLM:

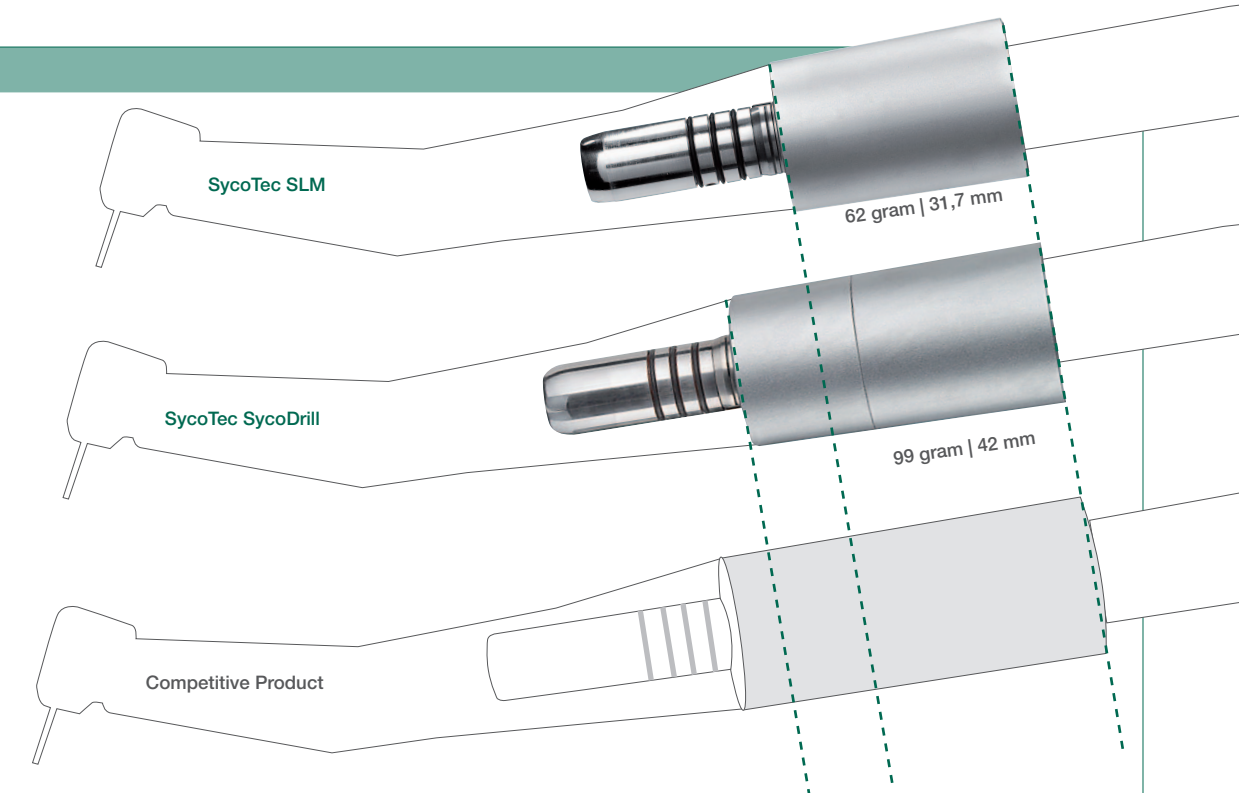
Small, lightweight, powerful

The SycoSLM, 31.7 mm (12 ½ inches) in length and a total weight of only 62 grams, is the smallest and lightest dental motor in the world. Its amazing weight advantage enables stress- and fatigue-free work. With the SycoSLM the finger muscles remain relaxed and efficient. The integrated LED provides daylight-like illumination, more clear and intense compared to conventional light sources. The ten-times longer life cycle of the LED provides an annual saving of the cost of approx. two halogen bulbs.



SycoDrill: The classic

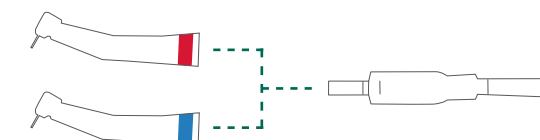
Dentists who prefer to work with a halogen light can rely on our classic dental motor – the well-proven SycoDrill. With a length of 42 mm (16 ½ inches) and a weight of 99 grams the motor sits perfectly in your hand.



You can count on it

The robust SycoTec motors are brushless and therefore without wear, combined with perfect vibration-free rotation.

Due to a very low temperature increase an extended lifetime is achieved. The speed range of between 100–40,000 rpm covers the complete requirements of any dental application. The recirculation stop for spray water prevents back-contamination. SycoTec motors can be sterilized up to 135 degrees Celsius. The motor coupling meets the ISO 3964 standard in order to be compatible with handpieces from any manufacturer.



Multiple speed options with only two handpieces

	100	500	1.000	2.000	2.500	10.000	40.000	200.000
1 : 5					500 - 200.000 rpm			
1 : 1			100 - 40.000 rpm					

„Small, lightweight, powerful, good-looking, ergonomic, money saving, and for all purposes. This is what the future looks like.“

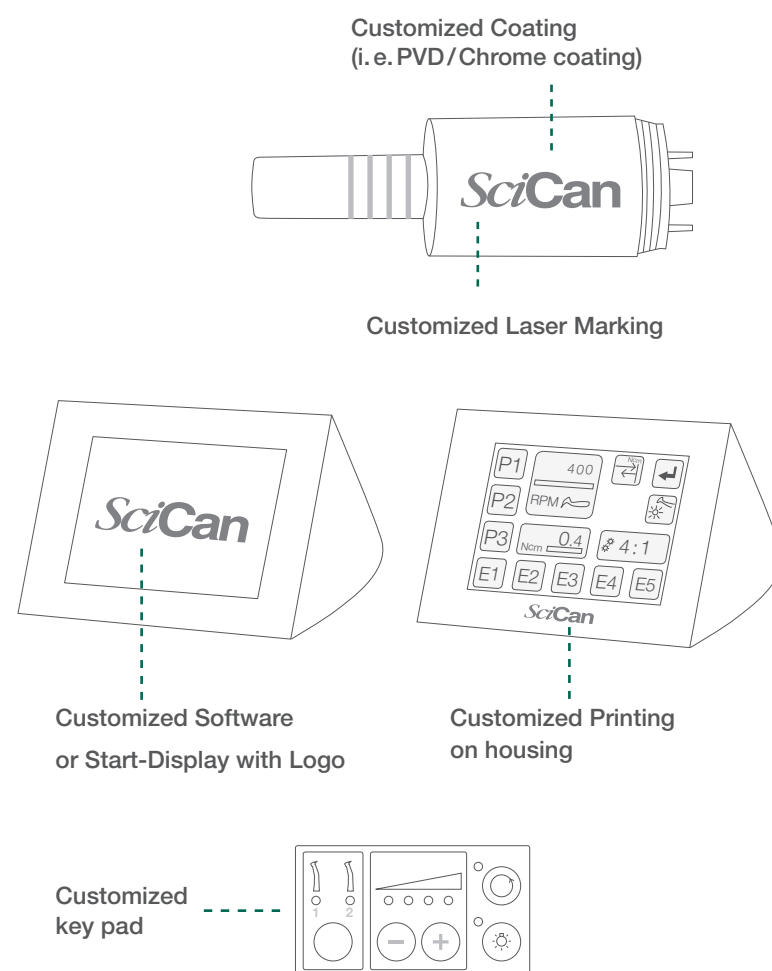
Everything is possible

Customizing guaranteed

High-tech for top brands

Successful manufacturers around the world use SycoTec products under their own name. The individual branding and coloring of housings by use of laser technology or galvanization is possible, as well as the display of company logos on the screen.

As an OEM company, SycoTec stands invisibly behind the premium names of its partners.



„We count on components and the competence of SycoTec, where the product is the star and not the manufacturer. We trustfully rely on this partnership.“

Partnership

750 people – one goal

The Sanavis Group is the strong partner for dentists and dental industry world wide

SciCan, MICRO-MEGA and SycoTec, united under the Sanavis Group name, offers a complete range of innovative solutions from one source.

Premium products ranging from a single file, to micromotors and handpieces, all the way to complete hygiene systems, as well as superb service, are the basics for top performance.

With Sanavis, customers and partners attain new heights, around the globe.



Sanavis Group

SciCan Dental
Your Infection Control Specialist™

SciCan offers its customers complete solutions for infection control in the dental and medical markets.

MICRO-MEGA
Your Endo Specialist™

MICRO-MEGA® is known worldwide as a leading specialist for dental- and root canal instruments.

SycoTec
Your Precision and Drives Specialist™

SycoTec develops and manufactures innovative drive and equipment solutions for industrial applications and OEM products for the dental and medical field.

Additional dental products

Maintenance units

For the cleaning and maintenance
of dental instruments and turbines.

Turbines and couplings

Air driven dental turbines and couplings
with MULTIflex® connection.

MULTIflex® is a trademark of KaVo Dental GmbH

Handpieces

Motor driven instruments with connection
according ISO 3964 with various choices for
speed increase or speed decrease.

Dust extraction units

For single- or multiple workstations.

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