

Customised input systems are our world. From sophisticated special solutions to simple membrane keyboards.

Our products unfold their full potential in these areas potential:



Transport & Mobility

- Vandal-proof thanks to metal surface operation
- Hygienic operation – no dirty edges
- Can also be operated with gloves



Kitchen & food processing

- Operation via stainless steel surface
- Easy cleaning (disinfectants, high-pressure cleaners, etc.)
- Can be operated with wet fingers or protective gloves



Wellness & Bathing Worlds

- Works perfectly even with wet fingers
- Waterproof and easy to clean
- High design standards can be achieved



Medical technology

- Sterilisable In an autoclave at 134°C
- No openings for dirt - Bacteria don't stand a chance
- Expertise in the field of validation



Industry & Automation

- Long product availability
- Interfaces according to customer requirements
- High quality standard

Our input technologies: from Agnostic Touch to simple membrane keyboards – we have the right solution for you.



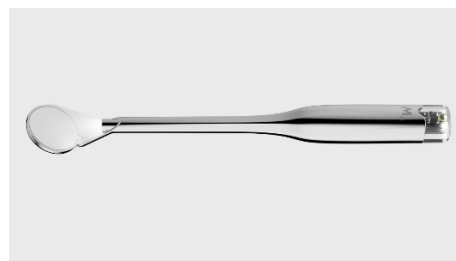
Agnostic-Touch-Technology

Make any surface smart. Agnostic Touch technology is based on the use of highly sensitive force sensors.

It is suitable for installation behind all surfaces, including metallic materials such as stainless steel or aluminum.

Any type of operation, whether with gloves or a stylus, is reliably recognized even in wet conditions.

Further information:
www.algragroup.ch/agnostic-touch



PCAP Touch

Make your input as easy as on a smartphone. Experience intuitive, smartphone-like input with the PCAP glass front and multi-touch.

PCAP touchscreens offer maximum precision, fast response times and a first-class user experience.

Further informationen:
www.algragroup.ch/pcap





DYNASENSE

The robust design and high resistance to moisture, dust and temperature fluctuations make this system the ideal choice for industrial control systems and harsh outdoor use.

Further information:
www.algragroup.ch/dynasense

Membrane keyboards

Membrane keyboards - the simple and inexpensive solution for many applications. Membrane keyboards are a proven solution for numerous areas of application.

Further information:
www.algragroup.ch/membran



Our input systems in comparison

	Agnostic Touch	PCAP Touch	DYNASENSE	Membrane
Hygienic and disinfected	+	+	+	+
Input with pen or glove	+	✓	+	+
Operation through glass	+	+	✗	✗
Operation through metal	+	✗	✗	✗
Key pressure force usable	+	✗	✗	✗
Can be integrated into OLED and e-ink displays	+	+	✗	✗
Can be integrated into LCD display	✗	+	✗	✗
Temperature range	+	✓	✓	✓
Durability	+	+	+	✗
Robustness and vandal resistance	+	✓	✓	✗
Cost per button	✓	+	+	+
Design freedom (curved surfaces, etc.)	+	✓	✓	✓

+ Positiv ✓ Neutral ✗ Negativ

Experience and expertise: We have been combining expertise with innovation for over 50 years. Our in-depth knowledge in the field of customized input systems makes us a reliable partner.

The next steps: Transparent and straightforward...

1

Clarification of the appropriate technology

We work with you to determine the right technology for your application. With in-depth analysis, many years of experience, and a clear focus on the essentials, we put your projects on the road to success.

2

Feasibility study

We provide clarity. Our feasibility studies examine the technical aspects of your project. This gives you a solid basis for decision-making - transparent and practical.

3

Prototype development

We develop near-series prototypes that bring your vision to life. This means that initial field tests can already be carried out. In this way, we lay the foundation for successful industrialization and a smooth market entry.

4

Qualification

We test your products for water resistance, temperature resistance, moisture resistance, and continuous operation - exactly according to your specifications. You can rely on our testing procedures.

5

Ramp-Up

Once all requirements have been met, industrialization begins. Depending on the number of units required, we develop the appropriate automation solution - efficient and scalable. This is how a prototype becomes your market-ready product.