

WEIGHTPAD

customisable – low profile – for industrial use

ALGRA

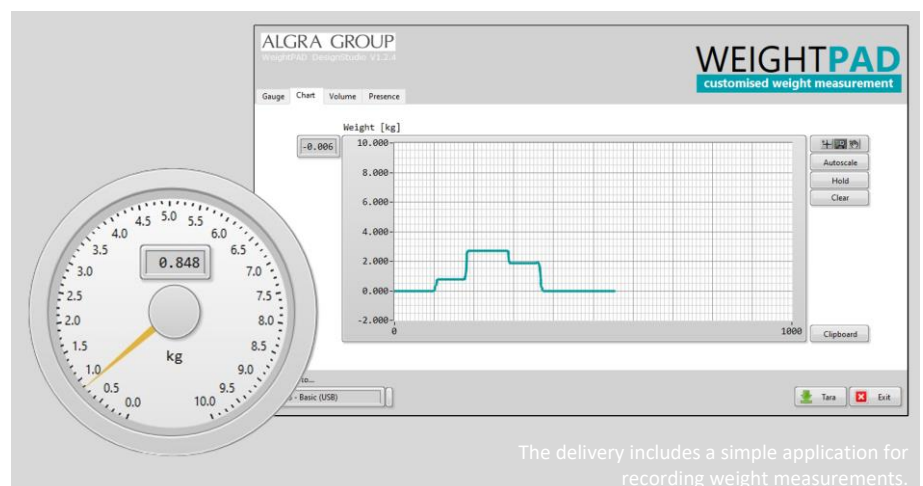


WEIGHTPAD is the customised scale that can be adapted perfectly to your individual requirements - even for small quantities. Depending on the design, the WEIGHTPAD is also suitable for harsh environmental conditions.

«The focus of our development was not on the highest possible measurement accuracy, but on the detailed fulfilment of your exact requirements»

Dieter Matter, CEO Algra tec AG

Typical applications include level monitoring of liquids, progress monitoring of assembly activities, stock measurement, theft detection of exhibits or presence detection through weight monitoring.



The delivery includes a simple application for recording weight measurements.

Feature:

Individual length and width:

Customised implementation of your requirements - even for small quantities.

Low profile design:

Special attention has been paid to a low profile design - ideal where space is at a premium.

Water-resistant and washable:

Washable with water – depending of the design, acid- and alkali-resistant models can be realised.

Ideal for level monitoring:

Due to the high long-term stability, liquids can be monitored easily and without contact.

Industry interfaces:

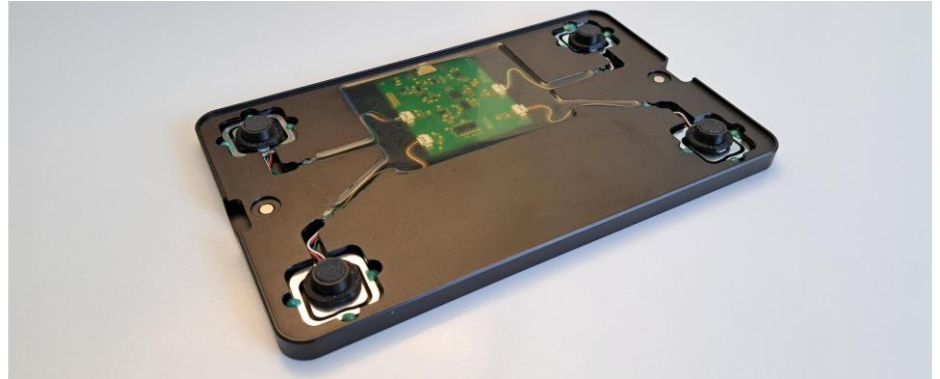
Several options are available for quick and easy integration into your system: RS232, RS485, USB-C...

Daisy-chaining with RS485:

Would you like to use several scales together? Reduce cabling by daisy-chaining the WEIGHTPAD...

«Thanks to our WEIGHTPAD platform, we can meet individual customer needs quickly and easily.»

Thomas Niederberger, CTO Algra tec AG



Measurement system

Resolution	1 g
Accuracy	1%
Measurement range	0 to 10 kg
Overload (Max)	15 kg
Measurement technology	Strain gauge
Settling time	< 1 s
Temperature drift	1 g/K

Environment condition

Operating temperature	+2 °C - 50 °C
Storage temperature	-25 °C - 85 °C
Water / moisture protection	machine-washable – with appropriate design

Power consumption

Voltage	5 Vdc
Current (Max)	12 mA

Interface

USB-C	virtual COM Port
RS232	Serial interface
RS485	Address configuration via software or hardware

Housing

Length	160 mm - 500 mm
Width	80 mm - 500 mm
Height	>12 mm
Material	Aluminium, stainless steel, plastic...