

Scanvaegt SV11 Weight Indicator

Automatic weighing and registration

**FAST
AUTOMATIC WEIGHING
SECURE
ALIBI-REGISTRATION
SMART
WEB-INTERFACE**



Scanvaegt SV11 is a robust and efficient weight indicator for automatic weighing of boxes and registration of the related alibi-numbers.

Efficient automatic weighing

Scanvaegt SV11 is a robust and fast weight indicator for automated static weighing and alibi-registration.

The indicator, which is designed with focus on user-friendliness, features extensive processing power and flexible programming options. It is approved for weighing of automatic static scale, e.g. a start-stop scale, and is typically used for checkweighing of boxes and cartons.

Secure Alibi-registration

During the weighing process, the SV11 weight indicator registers the unique alibi number for the box and stores it on an internal SD card. The system has a large capacity and can store up to 10 million registrations. In case of any subsequent documentation requirements, the registrations can be looked up directly on the display or via the web interface.

The registrations are stored permanently on the indicator but can also be transferred via the secure SVA3 protocol for printing on the label or the administrative IT-system from which the alibi-number can be looked up using the serial no. of the box.

Simpler operations

Scanvaegt SV11 makes it possible to work faster and more efficiently. Using the SV3 protocol programmes, tare values and weight limits can be transferred directly from the central PC to the indicator.

The indicator can also be controlled using the remote control on an operator terminal connected to the line.

Quick weight registration

The indicator's stabilization software makes weight registration extremely quick - it is carried out within approx. 0.5 seconds - and very stable even where there are vibrations from other equipment that would normally make weight registration unstable.

Technical specifications

Environment	
IP-Rating	IP67
Material	Stainless steel AISI 304
Display and keyboard	
Weight display	6 digits, 7 segment, red
Process display	2 pcs. 7 segment for programme selection
Keyboard	Film: 0-9, Up Arrow, Down Arrow, OK, Return, 0, T, F1, F2
+/- display	10 red LEDs, 3 green LEDs and 10 yellow LEDs
Weighing	
Weighing capacity; [e]	From 1 kg to 99999 kg
Max. # of verification divisions (n)	10,000 for single interval and 3,000 divisions with multi-range
Functions	Tare: keyboard tare, +/- function, alibi-function
Display divisions	1, 2, 5, 10, 20 and 50
Load cell: supply	5V
Load cell: max. load	35 ohm (10 cells are a 350 Ohm)
Minimum sensitivity	0.5uV / d

Flexible and functional

- Alibi-function with space for up to 10 million registrations
- Up to 99 different product programmes allow fast product shift at different tare values
- Handles tasks such as checkweighing, batch weighing to exact target weight and +/- weighing
- 100% subtractive tare function allows accumulating tare in the entire weighing range
- Remote control of functions such as Tare, Delete tare and weight registration via Scanvaegt pt9000, PLC or equivalent
- Large and easy-to-read weight display with red LEDs ensures accurate reading - even in direct sunlight
- Stainless steel cabinet with IP67 withstands use in wet and dusty environments
- Automatic filling function that can handle 2 filling rates to target weight

Smart Web Interface

SV11 has a web interface enabling online look-up of net weight and tare using the alibi-number in the approved weighing system. Communication interfaces, products registration criteria and digital input/output functions can also be set up from the central office.

scanvaegt systems		SV11 Web Interface																																																																
<ul style="list-style-type: none"> • Alibi • Product setup <ul style="list-style-type: none"> Technical setup <ul style="list-style-type: none"> RS232-1 RS232-2 RS485 Current loop Ethernet Registration ID DAC Automatic Weighing Legal settings 		<h3>Alibi</h3> <table border="1"> <thead> <tr> <th>Reg. nr.</th> <th>Net</th> <th>Tare</th> <th>Tare preset</th> <th>Unit</th> </tr> </thead> <tbody> <tr><td>1234512</td><td>0.100</td><td>0.000</td><td>No</td><td>KG</td></tr> <tr><td>1234511</td><td>0.500</td><td>0.000</td><td>No</td><td>KG</td></tr> <tr><td>1234570</td><td>0.150</td><td>0.000</td><td>No</td><td>KG</td></tr> <tr><td>1234588</td><td>0.450</td><td>0.000</td><td>No</td><td>KG</td></tr> <tr><td>1234588</td><td>0.200</td><td>0.000</td><td>No</td><td>KG</td></tr> <tr><td>1234587</td><td>0.400</td><td>0.000</td><td>No</td><td>KG</td></tr> <tr><td>1234500</td><td>0.250</td><td>0.000</td><td>No</td><td>KG</td></tr> <tr><td>1234505</td><td>0.350</td><td>0.000</td><td>No</td><td>KG</td></tr> <tr><td>1234564</td><td>0.300</td><td>0.000</td><td>No</td><td>KG</td></tr> <tr><td>1234563</td><td>1.300</td><td>0.000</td><td>No</td><td>KG</td></tr> <tr><td>1234562</td><td>0.100</td><td>0.000</td><td>No</td><td>KG</td></tr> </tbody> </table> <p>Reg. nr.: <input type="text" value="1234587"/> <input type="button" value="Get"/></p>					Reg. nr.	Net	Tare	Tare preset	Unit	1234512	0.100	0.000	No	KG	1234511	0.500	0.000	No	KG	1234570	0.150	0.000	No	KG	1234588	0.450	0.000	No	KG	1234588	0.200	0.000	No	KG	1234587	0.400	0.000	No	KG	1234500	0.250	0.000	No	KG	1234505	0.350	0.000	No	KG	1234564	0.300	0.000	No	KG	1234563	1.300	0.000	No	KG	1234562	0.100	0.000	No	KG
Reg. nr.	Net	Tare	Tare preset	Unit																																																														
1234512	0.100	0.000	No	KG																																																														
1234511	0.500	0.000	No	KG																																																														
1234570	0.150	0.000	No	KG																																																														
1234588	0.450	0.000	No	KG																																																														
1234588	0.200	0.000	No	KG																																																														
1234587	0.400	0.000	No	KG																																																														
1234500	0.250	0.000	No	KG																																																														
1234505	0.350	0.000	No	KG																																																														
1234564	0.300	0.000	No	KG																																																														
1234563	1.300	0.000	No	KG																																																														
1234562	0.100	0.000	No	KG																																																														

Communication	
Ethernet	10/100 Mb (UDP or TCP / IP)
Supported protocols	CSO, RSO, SV3, SVR, CSO-2, RSO-2, SVE, SVC-10 SVC-1
RS232 (galvanically isolated)	YES, 2 pcs.
RS485	YES
Current loop	YES (active / passive) - only if max 2 inputs and 2 outputs are used
Input (24 V / galvanic opto)	3 pcs: Weighing Signal; Allow Zero Set; Error Reset
Output (24 V / externally supplied)	3 pcs: Weighing Ready; Zero Set Forewarning; Error
Analogue output; (follow gross)	0-20 mA or 4-20 mA (0-10)
Power supply	100- 230; 50-60 Hz
Dimensions - H x W x D	265.1 x 129.0 x 50.0 mm
Operating temperature	-10° C to +40° C
Type approval	EC type-approval Class III & IIII
	NAWI: OIML R76; EN 45501:1992/AC:1993; 2009/23/EC;
	MID: OIML R51; 2004/22/EC;