scanvaegt systems

Scanvaegt SV10 Alibi Weight Indicator

Fast weighing and registration

SECURE ALIBI-REGISTRATION

EXTREMELY FAST WEIGHING

SMART WEB-INTERFACE

Scanvaegt SV10 Alibi is a fast, reliable and flexible weight indicator that weighs, records and stores up to 10 million alibi-numbers.

Versatile, strong weight indicator

The Scanvaegt SV10 Alibi weight indicator is designed with a focus on user-friendliness. Extensive processing power, "Triple Range" weighing range and several programming options make SV10 Alibi a fast, reliable and flexible weight indicator that can be connected to all Scanvaegt bench, floor and pallet scales.

Secure Alibi-registration

During the weighing process, the SV10 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 records can be looked up directly on the display or via the web interface.

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

Efficient operations

Scanvaegt SV10 Alibi makes it possible to work faster and more efficiently. Using the SV3 protocol it is possible to transfer programmes, tare values and weight limits 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 system.

Fast weight registration

The indicator's stabilization software makes the 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 the weight registration unstable.

Flexible and functional

- Alibi-function with space for up to 10 million records
- 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 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

Smart Web Interface

SV10 Alibi features 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.

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 for 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

Communication	
Ethernet	10/100 Mb (UDP or TCP / IP)
Supported protocols	CS0, RS0, SV1, SV3, SVR, CS0-2, RS0-2
RS232 (galvanically isolated)	YES, 2 pcs.
RS485	YES
Current loop	YES (active / passive)
Input (24 V / galvanic opto)	2 pcs: Accept-weight; Zero, Tare
Output (24 V / externally supplied)	2 pcs: Setpoint; Start programme
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	-10º C to +40º C
Type approval	EC type-approval Class III & IIII