

## Increased Efficiency with the IND890 Weighing PC



### Flexibility

The IND890 is suitable for a wide range of applications. Depending on the software installed, a variety of applications can be implemented. Thanks to the numerous interfaces available, IND890 is outstandingly suitable for communicating with other devices. The available options enable individual weighing station arrangements.



### Efficient Operation

Simple operation and reliable reading – the software of the IND890 has an intuitive menu structure with easily comprehensible and self-explanatory icons. These can be quickly activated via the touchscreen.



### Fit for Industry

The IND890, with its robust stainless steel housing, was specially designed for production areas in the harshest industrial environments and is IP69k-protected. All components have an impressively long service life.

**IP66 IP69k**



### Innovation in Detail

All components of the IND890 are characterized by reliability and a long service life. The graphical interface of the widescreen display is impressive in all respects. The CompactFlash card included as standard offers optimal data security.



### Impressive Innovation: IND890

The IND890 is more than just a weighing terminal. The integrated PC technology enables a wide range of uses – especially for applications that have to be individually adapted to your requirements. The free programmability allows room for specially created custom solutions.

The user interface is a successful combination of appealing software and hardware design with an intuitive menu structure. Pin-sharp and with a high resolution, the graphical display, in combination with the touchscreen, means work is productive and always pleasurable.

The IND890 can run up to four weighing platforms simultaneously and certifiably, and with the highest possible accuracy.



# IND890 – The Terminal for the Highest Demands

## Functions and Features

### IND890-10 Compact version:

- High-resolution 10.2" widescreen display
- Compact design: control unit and electronics box (ELO) in just one housing
- Real-time-capable thanks to Windows Embedded Compact 7
- Highly flexible thanks to free programmability
- Large data memory
- Also available as built-in version
- With VESA mounting option as standard
- Solid State Disk (mSATA SSD) as standard storage medium for operating system and data

### IND890-15-HMI and IND890-19-HMI (Human-Machine-Interface):

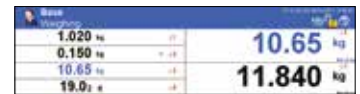
- Best graphical options thanks to large 15.4" and 18.5" widescreen display
- Additional membrane keypad (only 15.4")
- For use in combination with the IND890-Elo-Box
- Also available as built-in version
- With VESA mounting option as standard

### IND890-Elo-Box1 and IND890-Elo-Box2:

- Multi-lingual operating system Windows 7
- Highly flexible thanks to free programmability
- Solid State Disk (SSD) as standard storage medium for operating system and data

## Common Functions and Features

- Integrated touchscreen as standard
- IP69k protection rating in combination with rust-free housing – surface structure (Ra < 0.8µm) – for use in virtually any industrial environment
- Very simple and intuitive operator guidance by means of self-explanatory icons
- Ethernet interface as standard
- Modern design, low-maintenance housing
- Up to 6 interfaces possible
- Software functions: Weighing software with 3 different Delta-tracks and tare deduction, setpoints, sum scale, second unit, autoprint, MinWeigh, Smartkeys, eMail alerts, FTP server and client, basic totalizing
- Ergonomic and swivel-mounted stand foot for table installation or wall mounting for IND890-10, IND890-15-HMI and IND890-19-HMI
- Alibi file as standard for approved applications
- 4 scales plus sum scale simultaneously in one screen
- A perfect combination together with the software solutions FreeWeigh.Net and FormWeigh.Net



## Technical Data

	IND890-10	IND890-15-HMI and IND890-19-HMI	IND890-Elo-Box1 and IND890-Elo-Box2
Housing dimensions (maximum: H x W x D)	Desk: 259 x 320 x 241 mm Panel: 221 x 311 x 94 mm	Desk: 353 x 490 x 301 mm Panel 15": 320 x 480 x 51 mm Panel 19": 320 x 480 x 68 mm	Elo-Box1: 250 x 125 x 400 mm Elo-Box2: 250 x 128 x 400 mm
Operating environment	-10°C to 40° C (14° to 104° F), at 10% to 85% relative humidity, non-condensing		
Display	10.2" Widescreen TFT touchscreen display, resolution 1280 x 800	IND890-15-HMI: 15.4" Widescreen TFT touchscreen display, resolution 1280 x 800 IND890-19-HMI: 18.5" Widescreen TFT touchscreen display, resolution 1366 x 768	
Processor types	Intel Atom Dual Core	-	Elo-Box1: Intel i3 dual core Elo-Box2: Intel i7 quad core
RAM memory	4 GB		4 GB
IP-Protection	IP69k	IP69K	Elo-Box1 = IP69k, Elo-Box2 = IP40
Power supply unit	Wide-range power supply unit: 100–240 V AC, 50/60 Hz, with country-specific power line		
Data interfaces	Ethernet (standard), RS232, RS422, RS485, USB, 4I/O, PC-COM ports RS232 (only Elo-Box)		
Weighing interfaces	IDNet, analog, SICS, SICSpro (max. 4)		
Dispatch weight	Desk: 5.5 kg/panel: 4.5 kg	Desk: 11.4 kg/panel: 8.5 kg	6.4 kg
Approvals	EC Conformity CE marking with declaration of conformity – admission for certification or pattern approval EC Directive 2009/23/EEC; EN 45 501; OIML R76; NTEP compliant – Electrical Safety EC Directive 2006/95/EEC; EN 61010-1, UL, CSA approved Electromagnetic compatibility EC Directive 2004/108/EEC; EN 61000-6-2, EN 61000-6-3		

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