# DISOMAT® B plus

## Versatile and communicative for demanding logistics applications

Weighing, monitoring, checking, and feeding – depending on the task. With the modular design of the DISOMAT® system, Schenck Process offers you customizable technology that grows with your needs – specifically developed for non-continuous weighing tasks.

DISOMAT® B plus is a compact device with multifunctional advantages and is equipped with six different preconfigured weighing sequences. Thanks to the function block design, it can easily be adapted to individual tasks. It is also extremely flexible in its design with its built-in printer controller, which permits individual formating of the printed documents.

More about components at
www.schenckprocess.com,
or order CD from
components@schenckprocess.com

**Compact**
The calibration memory (optional) integrated into the device frees the user from the need to create and file legal-for-trade references on paper.
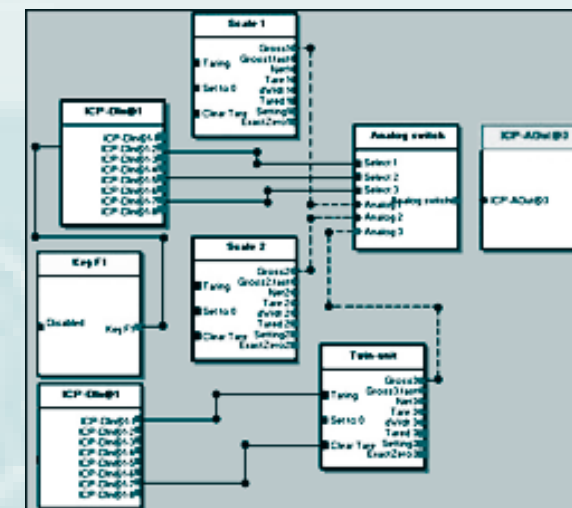
**Network-ready**
Communication between several DISOMAT® B plus units allows shared use of resources, such as printing, communicating via an interface or sharing common data bases.

**Flexible**
The "SMALL" software enables trained customers to program weighing sequences and functionalities according to their needs, providing the possibility of adaptation to customer applications. This capability is often used when exchanging equipment from other manufacturers.

**Smart**
The parameters of the scale, including the adjustment data, are stored in the connector plug of the load cell cable (device dongle). If, in the worst case, it becomes necessary to exchange every component of the device, this dongle makes it possible (not DISOMAT® B plus Ex).
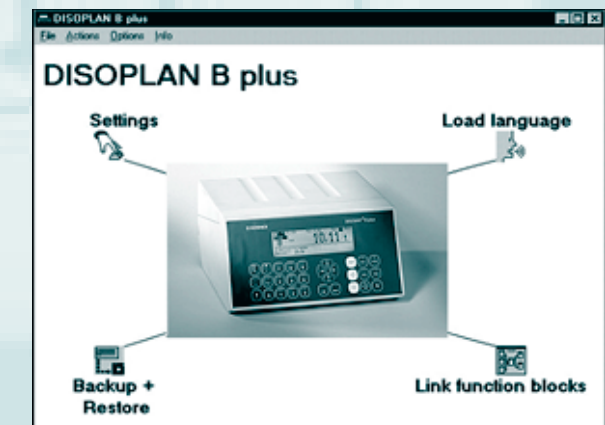
**Compatible**
A broad spectrum of serial interfaces and fieldbuses makes it easy to integrate the DISOMAT® B plus into your process control system. Apart from this efficient communication with automating systems you can continue to use conventional interfaces for communication.

**Convenient (operation from a PC)**
The Windows-based DISOPLAN B program enables even the non-technical personnel to make the necessary parameterizations and configurations for the convenient and simple start-up and service via PC/Notebook. But, at the same time, they still have access to all of the possible operations, even for sophisticated optimizations. The scale data can, of course, also be accessed by remote data transmission.

**DISOPLAN also offers:**
- ☒ Setting of all device parameters
- ☒ Graphic configuration of the function blocks
- ☒ Modification of existing device configurations or creation of new ones
- ☒ Adjustment of the device
- ☒ Loading other menu languages into the device
- ☒ Creating new language files and loading them into the device
- ☒ Reading out the device configuration (backup)
- ☒ Playback of the secured data (restore)

## Advantages

- ◪ Ease of use from start-up to the operating philosophy
- ◪ Fully system-ready, with analog, serial, binary, and fieldbus interfaces
- ◪ Great operating reliability, in part from the secure separation of the outputs and resistance to electromagnetic interference
- ◪ Adjustment and operation are possible in several languages
- ◪ Service-friendly, quick remote diagnosis, and remote servicing
- ◪ Suitable for use in hazardous areas
- ◪ Test certificate for legal-for-trade use in the EU, Switzerland, Czech Republic, USA, Canada, South Africa, Australia, China (other countries available on request)

# DISOMAT® Opus
## Compact and economical for logistics applications



### The cost-effective solution for legal-for-trade applications: DISOMAT® Opus

The basic solution that pays off in legal-for-trade applications. It registers weight values, displays them, prints them out, and forwards them to a higher-level system if desired. The DISOMAT® Opus offers two housing options, which include a tabletop device and a wall-mounted device both in stainless steel design. Problem-free interaction is achieved due to optimal hardware and software technology.

The DISOMAT® Opus is ideal for platform scales, container scales, filling level measurements, vehicle scales, crane scales or single-component dosing. The selection of different interfaces enables a wide range of simple process applications.

More about our eShop
on pages 136–137

More about components at
www.schenckprocess.com,
or order CD from
components@
schenckprocess.com

**Convenient (operation from a PC)**
The DISOPLAN Opus configuration software permits parameterization and adjustment of the device from a PC over serial interface and customer network.

**Compact**
The calibration memory (optional) integrated into the device frees the user from the need to create and file legal-for-trade references on paper.

**Smart**
The parameters of the scale, including the adjustment data, are stored in the connector plug of the load cell cable (device dongle). If, in the worst case, it becomes necessary to exchange every component of the device, this dongle makes it possible.

**Compatible**
A broad spectrum of serial interfaces and fieldbuses makes it easy to integrate the DISOMAT® Opus into your process control system. Apart from this efficient communication with automating systems you can continue to use conventional interfaces for communication.

# DISOMAT® T
## The inexpensive solution for decentralized measuring and control in process engineering applications



**DISOMAT® T**
Monitoring and simple feeding tasks are performed conveniently and cost-effectively by the DISOMAT® T digital scale transmitter. The savings follow through, from its low acquisition cost to its economical design for use. The DISOMAT® T can be used as a weights sensor, limit detector, or for simple control tasks. Thanks to its fieldbus technology, it is especially well suited for scales that are connected to higher-level computing or PLC systems.



**Versatile and flexible**
Depending on the application, the DISOMAT® T can be used to measure fill levels or for single-component feeding. It serves as a scale transmitter in a field case or a slender model for 19" rack mounting, making it optimal for multiple-scale applications.
Optionally available with a 3 $\frac{1}{2}$ digit weight display.

**System-ready**
A broad spectrum of serial interfaces and fieldbuses make it easy to integrate the DISOMAT® T into your process control system. Apart from this efficient communication with automating systems you can continue to use conventional interfaces (analog output or inputs and outputs) for communication.

**Convenient (operation from PC)**
The Windows-based DISOPLAN T program enables even non-technical personnel to make the necessary parameterizations and configurations for the convenient and simple start-up and service via PC/Notebook.

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## Advantages of DISOMAT® Opus

⊠ Fully system-ready with analog, serial, binary, and fieldbus interfaces
⊠ Intelligent load cell plug (dongle)
⊠ On-board Ethernet interface
⊠ USB connection for alphanumeric keyboards

## Advantages of the DISOMAT® T

⊠ Fully system-ready, with analog, serial, binary, and fieldbus interfaces
⊠ Great operating reliability, in part from the secure separation of the outputs and resistance to electromagnetic interference
⊠ Suitable for use in hazardous areas
⊠ Optimal in multiple-scale systems

## Advantages of the DISOMAT® T and DISOMAT® Opus

⊠ Adjustment and operation possible in several languages
⊠ Service-friendly because of operation and filing from a PC