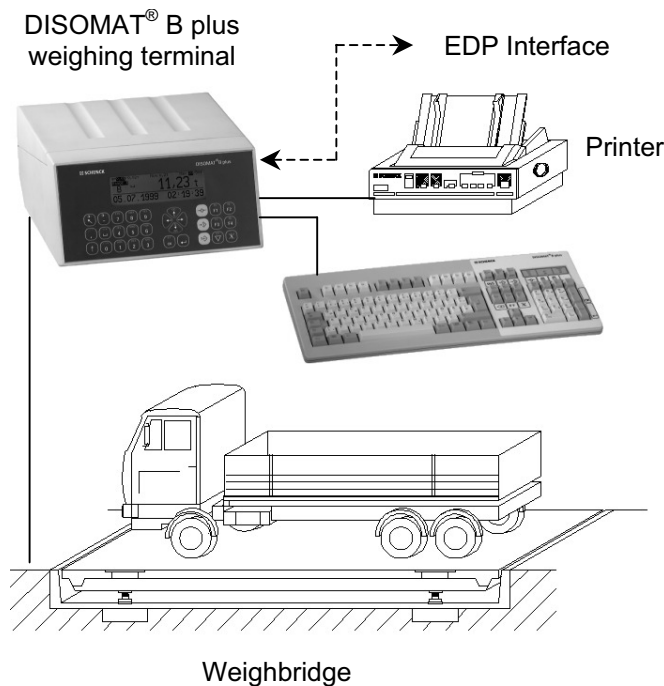


DISOMAT® B plus - ZEUS Weighbridge



- **DISOMAT® B plus Road/Rail Weighbridge application package**
- **Easy operation**
- **Legal-for-trade measurement value transducer for use in PC controlled scale workplaces**
- **Integrable legal-for-trade memory**
- **Separate strike-key keyboard for alphanumeric input**
- **Variant with two measuring channels for scales with single mode/group mode selectivity**
- **Also suitable for use as static rail weighing system**

Application

This application program ZEUS provides DISOMAT® B plus with the basic functionality of a road or rail weighbridge.

The weights acquired on incoming and outgoing vehicle during first and second weighing are used to determine the NET weight of load.

Single weighing operations can also be performed.

For every single vehicle, a data record is prepared and transferred to the connected printer via printer interface.

In addition, DISOMAT® B plus is excellently suitable for use as legal-for-trade measurement value transducer for scale control via PC.

Connected with an EDP system, DISOMAT® B plus offers a convenient backup mode.

Construction

The ZEUS program is loaded into DISOMAT® B plus instead of the base program and extends the DISOMAT® B plus basic functionality.

The user can parameterise his system at will.

If desired, the known scale and calibration parameters can also be set by SCHENCK.

DISOMAT® B plus ZEUS comes with separate strike-key keyboard and suitable printer complete with connecting cable.

In place of the printer, ZEUS can also be equipped with integrated legal-for-trade memory.

The ZEUS two-channel variant can also be used for scales with single mode/group mode selectivity.

Function

First-/ Second Weighing

The vehicle is weighed upon plant entrance.

The weight is put into intermediate storage under the truck license or wagon number.

First weighing data are transferred to printer interface.

The outgoing vehicle is weighed again.

The stored weight is identified using the truck or wagon number.

The difference in weight equals the material amount loaded or unloaded in plant.

When a printer is connected, first and second weighing data as well as the acquired NET weight are printed on weigh slip (see next page).

Single Weighing

Vehicle is weighed once-only; TARE weight of load can be entered in manual, for system to acquire the NET weight.

Weighing Using Fixed Tare Weight

This mode is designed to acquire the weight of load using the acquired totals weight and the stored empty weight of the vehicle.

File Update Functions

These functions let you Delete / Edit / Print the contents of:

- Materials file
- Vehicle file
- Fixed tare file

Function of Printer (if present))

- Printout of acquired weights
- Printout of stored data contents

Files

- First weighings file for storage of 99 input weighings
- Fixed tare file for storage of 25 empty weights of known vehicles
- Materials file for storage of 25 material types

Summating Function

The total amount of a certain material type loaded/unloaded is acquired and can be displayed and printed out at any time.

Signal Control

Designed for control of input/output signals existing or supplied, with the following functions:

- When vehicle drives onto scale, entrance and exit are closed (RED signal).
- If weighing is complete, exit signal turns GREEN.
- If scale is totally relieved, entrance signal also turns GREEN and scale is ready for next weighing operation.
- Signal system can be connected to the device direct using an external control system.

Weigh slip output on printer, if any

Date	Time	Cons no.	Mem. no.	Truck no.	Material no.	Material name	Weight of load on scale	Stored first weight	NET weight
04.10.01	14:27	0021	06	DA-DB 2344	01	Sand	<8,42 t>	B	
04.10.01	14:27	0022	06	DA-DB 2344	01	Sand	<20,92 t>	B	
								<8,42 t>	B 12,50 t
Weigher									

Variante	Ordering Nr.
Complete package: DISOMAT® B plus ZEUS, Desk-top unit VTG 20400 with Road/Rail Weighbridge application program, separate keyboard, DISOPRINT 330 printer, 1 set of ZEUS weigh slips, operating manual.	D 739 055.01
Alternative: As above, with printer cable, however, without printer	D 739 055.04
Alternative: As above, however, with legal-for-trade memory VMM 20400, without printer	D 739 055.03

Options
Large-Size Displays in accordance with Spec Sheet BV-D 2003
Signal System
Gate System

Two-channel variants available upon request