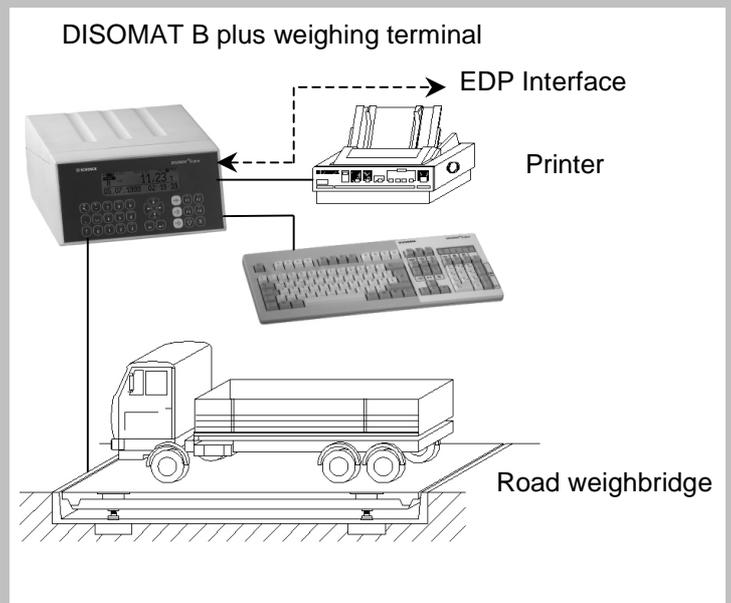


## DISOMAT B plus – ZEUS Road Weighbridge

- **DISOMAT B plus Road Weighbridge application package**
- **Excellent price/performance ratio**
- **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 inputs**



### Application

Using this application program, DISOMAT B plus receives the basic functionality of a road weighbridge.

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

Single weighing operations can also be performed.

For every single truck, 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.

In EDP operation, DISOMAT B plus can be used to provide a convenient backup mode.

### Equipment

The ZEUS program is loaded into DISOMAT B plus instead of the base program and extends the DISOMAT B plus basic functionality. Its parameters can be set by the user.

Upon request, the known scale and calibration parameters can 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.

### Function

#### First/Second Weighing

The incoming truck is weighed on road weighbridge.

The weight is put in intermediate storage under the license number of the truck.

First weighing data are transferred to printer interface.

The outgoing truck is weighed again. The stored weight is identified using the truck license number.

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

If 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

Truck is weighed once-only; TARE weight of load on truck 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 truck totals weight and the stored truck empty weight.

### File Update Functions

Used to Delete/Edit/Print the contents of

- Materials file
- Vehicle file
- Fixed tare file

### Function of Printer (if any)

- Printout of acquired weights
- Printout of stored data contents

### Files

- First weighings file for storage of 40 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 loaded/unloaded of a certain material type are acquired and can be displayed and printed at any time.

### Signal Control

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

- When truck drives on scale, entrance and exit are closed for traffic (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.

Date	Time	Cons. no.	Mem. no.	Truck no.	Mat. no.	Material name	Weight of load on scale	Stored first weight	NET weight
04.10.99	14:27	0021	06	DA-DB 2344	01	Sand	<8.42t>	B	
04.10.99	14:27	0022	06	DA-DB 2344	01	Sand	<20.92t>	B B <8.42t>	B 12.50t

**Weigher**

Weigh slip output on printer, if any.

Variant	Ordering No.	Options
Complete package: DISOMAT B plus ZEUS. Desk-top unit VTG 20400 with Road Weighbridge application program, separate strike-key keyboard, DISOPRINT 330 printer, 1 set of ZEUS weigh slips, operating manual.	D 739 055.01	Large-Size Displays in accordance with Spec Sheet BV-D 2003  Signal System  Gate System
Alternative: Package as above, however, with EPSON LX 300 printer	D 739 055.02	
Alternative: Package as above, however, without printer, with printer cable only	D 739 055.03	
Alternative: Package as above, however, with legal-for-trade memory VMM 20400, without printer	D 739 055.04	



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