

Description

The data acquisition system type "ZEVODAT-M2" serves for the collection, memorization, and indication of the data gathered in a milk collection tour. Moreover, ZEVODAT-M2 controls and monitors the system components installed on the milk collection truck.

The ZEVODAT-M2 is equipped with a standard program including the essential functions for the milk collection. By means of different parameterization an adaption to customer's requirements is ensured. After technical clarification a ZEVODAT-M2 program can be created corresponding to the specification elaborated with the final customer. If required, we are prepared to furnish additional information.

Design

The modular electronics of the "Controller System 3" series is included in an aluminium diecast housing with integrated operating unit. Depending on the application, the device is equipped with different modules.

The illuminated LC graphics display (120 x 64 mm) with 16 x 40 characters (digit size 4 mm)
or 12 x 40 characters (digit size 4 mm)
or 1 x 10 characters (digit size 14 mm)

guides the operator through the program and indicates the data. The operation is interactively supported by clear text indications and to a large extent handled by means of 4 soft keys, the meaning of which is shown on the LC display.

Standard Functions

- Control of reception system (pump)
- Acquisition of tour data (times, plant no., driver no., total quantity)
- Weights & Measures approved quantity measurement
- Acquisition of intake data (client no., quantity, time)
- Data print-out on the vehicle-mounted printer (voucher or protocol)
- Data transfer to a storage medium

Optional Functions

- Sampler control via quantity memory
- Sample bottle identification (bar code or position)
- Data print-out on the central printer
- Back-up via long-time memory (operation without printer)
- Tour guiding program (download of names and addresses)
- Laboratory data print-out for the client
- Measurement of pH value, temperature and mileage (kilometers)
- Monitoring of system components (speed, run time etc.)
- Control of system components (valves, motors, samplers etc.)

Technical Data

Housing:	Aluminium diecasting
Dimensions:	330 x 230 x 153 mm (W x H x D)
Protection class:	IP 65
Weight:	Approx. 6 kg
Voltage:	12...40 V DC (24 V typical, 12V on request)
Modules:	Refer to the respective "CS3" data sheets

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Data Acquisition System

ZEVODAT-M2 (ZD-M2)

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