

Keeps data and production flowing.

DATA

A = Art
E = Mach

B = Tare
F = Param.

C = Test
G = Attr.

D = Print
H = Stat.



Manual recording and documentation is not only slow, but can lead to incorrect data being entered under the pressure of time. It has finally been replaced by ID7-Data²⁰⁰⁰ and your host computer. Plug and play statistical quality control systems such as FreeWeigh are easily connected for more detailed information.

METTLER TOLEDO

Extremely good value for money...

User-friendly operator guidance allows computer aided control of several weighing stations at the same time – without extensive programming on your part.

- Robust industrial housing provides IP68/IPX 9K protection
- BIG WEIGHT® display with large digits, easily read from a distance
- Smooth spill-proof membrane keypad for long life and ease of operation
- Interfaces facilitate connection of peripheral systems
- Up to 3 scales can be connected for consistent accuracy

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Industrial data processing made easy.

Reliable and accurate data is absolutely essential these days in achieving an efficient and cost-effective industrial process. METTLER TOLEDO scales offer you a tailor-made selection extending from industrial precision balances, with an internal resolution of 3.2 million points, through to reasonably priced strain gauge/analog weighing platforms, with measuring ranges from milligrams to tonnes. The ID7 terminal with ID7-Data²⁰⁰⁰ application software logs the relevant data in conjunction with your host computer. To make subsequent processing easier, we can provide appropriate interfaces and printers for your applications.

Modes of operation with ID7-Data²⁰⁰⁰ Application Software

Function keys

A – D	Key for triggering a data transfer. On key-hit, a control sequence is initiated to the host machine. This is a simple means to monitor just about every key of the ID7 data and to respond to them if desired. For convenience and to enable easy handling, keys F2 – F6 over the interface may be marked as desired.
0 – 9	
F2 – F6	
MFL keyboard	

Dialog operation without format indication

- Transmission of control sequences of the keys
- Indication of any desired text on display, consisting of up to 4 lines with up to 30 characters each.

Dialog operation with format indication

- Requesting of input in various formats with explanatory text, target value with or without unit.
Input formats: alphanumeric, numeric (numerals), real (comma numbers), query (Yes/No), hidden (passwords), date/time.



ID7-Data allows simple yet reliable processing of the data to produce clear text or barcodes printed out on control slips, labels or forms.

```

=====
No.      7610075356184
Delichoc
Code     5603-22
Machine  22
Batch    345-68
- 1 -    100.3g
- 2 -    100.5g
- 3 -    100.3g
- 4 -    100.2g
- 5 -    100.3g

n                    5
Mean                100.3 g
Mean %              100.31
Std.dev.             0.1 g
Std.dev %            0.12
<T2-                 0
<T1-                 0
>T1+                 0
>T2+                 0
Message
**26.03.1998 14:47**
    
```

Performance characteristics ID7-Data²⁰⁰⁰

Weighing

Via communications interface, request current gross, net and tare weight values. From superior system, you may reset, tare and (as an option) switch between up to three scales, connected to the unit.

Sending of any kind of text to the ID7-Data²⁰⁰⁰

By means of very simple interface commands, you may expand your complex PC application and transpose it to production. This, regardless of type of information, i.e. production information, instructions related to job process or input request simply display it – directly at your workstation. The PC remains well protected in the office, because that is where it belongs. The ID7-Data serves as extended arm of the monitor in the production area – it is of rugged design, dust- and waterproof.

- Up to 4 lines may be freely filled with data, UPPER and lower case letters, special symbols and numeric characters.
- The maximum number of characters per line is as follows:
 - Line 1 → 14 characters
 - Line 2 → 14 characters
 - Line 3 → 20 characters
 - Line 4 → 30 characters

Function Keys ID7-Data²⁰⁰⁰

- The keys of the ID7-Data may serve as function keys for data transmission. When pressing a key, the ID7-Data sends recognition of this key to the superior system. It will react as if that key had been activated on the system itself. That means you have a robust and easy to use, dependable keyboard directly at the production area workstation.
 - Of course, an optional, watertight PC keyboard is available from METTLER-TOLEDO, that may be directly connected to the ID7-Data.
 - Grant the key pad the intelligence of you are your application, by remote marking of function keys via interface and in clear text – at any time, variable and with freely chosen text. Remember: only a key that is understood makes any sense at all.
- Variant 1:
Fife keys with up to five characters each are available for any desired marking.
- Variant 2:
Up to 15 text units may be added, queued behind each other, consisting of up to 22 characters each. These text units may be displayed in inverted colours (black on green) or normal (green on black), free selection for each key.
The length of each key varies dynamically, congruent with the length of the assigned text. In case not all keys should fit in the display, more "levels" are generated that may be selected.

Periphery

Control, switch and monitor your production facilities with minimal installation effort. By way of the same data line used to communicate with the ID7-Data, you may control up to an additional five peripheral units.

Simple and without additional lines to the superior system.

– **Stirring, shaking, transporting, displaying.**

Using the optional Interface 4/I/O along with a Relaybox-4, control or monitor commands with up to four relay inputs and/or outputs. If that is not enough, control or monitor up to 64 relay input and/or outputs using an optional RS485-ID7 and up to eight Relaybox-8 units.

– **Barcode? No cable salad, please!**

Via an optional serial interface, you may connect your serial barcode reader with the ID7-Data. Depending on situation and setting, the reader serves for quick inputs to the ID7-Data or the scanned data may be directly transmitted to the superior system.

– **Unlimited Printing**

Print your data via an optional serial interface on a METTLER TOLEDO GA46 or on any another serial printer. Send your print data from the superior system to the ID7-Data or use the memory-resident printer configuration of the terminal.



