

IND690sum

Application software

Are words like item total, grand total or item counter as familiar to you? If so, IND690sum is the application software you've been looking for.



**More than just the sum
of its parts?**

METTLER TOLEDO

Accurate data for you and your customers.

Simple, efficient and accurate weighing for product management and acquisition of sales data in goods-in, production, stores or dispatch.



Article No.

Destination

Ident C

Ident D

Ident E

Ident F

- Rugged, industrial housing provides IP69K protection
- BIG WEIGHT® display with large digits easy to read even from a distance
- Smooth, spill-resistant membrane keypad for long life and ease of operation
- Codes A to F for clear identification and relation of weighing data to product
- Interfaces make it easy to connect peripheral systems

IND690sum updates your data automatically

Accurate weight is essential for good production management. METTLER TOLEDO’s scales provide you with this data for every last part, whatever the accuracy and quantity involved. The tailor-made selection extends from industrial precision balances, with an internal resolution of 3.2 million points, to competitively priced strain gauge/analogue weighing platforms, with measuring ranges from milligrams to tonnes.

In conjunction with the ID7 terminal, the IND690sum application software provides reliable data to your computer system to optimise your production flow.



Accurate production data, updated automatically will ensure your factory stays competitive.

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XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
        JACK LYNER Ltd.
      - Cold Meats -
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
TOTAL RECORD for
Customer

        234 Joe Mondall
-----
DATE                 09.05.00
TIME                 17.02.57
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Article No.          10. ROAST VEAL
GROSS                49.998 kg
NET                  42.030 kg
TARE                 7.968 kg
ITEHS                4

Article No.          12. MEAT PIE
GROSS                24.190 kg
NET                  20.194 kg
TARE                 3.996 kg
ITEHS                2

Article No.          14. HAM
GROSS                14.833 kg
NET                  12.861 kg
TARE                 1.972 kg
ITEHS                4

Article No.          20. MEAT BALLS
GROSS                3.515 kg
NET                  3.018 kg
TARE                 0.497 kg
ITEHS                1

Article No.          23. SAUSAGE
GROSS                9.079 kg
NET                  6.037 kg
TARE                 3.042 kg
ITEHS                6
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Total
EGross              84.615 kg
ENet                84.140 kg
ETare               17.475 kg
EItems              17
  
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- Totalization**
 IND690sum totals weights and item data at the touch of a button to provide important information for production and administration.



- 4 scales can be connected**
 For optimized totalization over a wide weight range.



- Host communication facility**
 IND690sum transfers total data to the host computer system, sometimes at the latter's request, without the intervention of an operator. This keeps computer and production data consistent.

- Fast data input without errors**
 Using a barcode reader, separate alphanumeric keyboard or online, e.g. from store computer.

- Informative message display**
 Display continuously shows article number, item counter and net sum of current article, giving you clarity and safety.

Function keys	
BEGIN	- Beginning of totalisation
TOTALISATION	
PLUS	- Adding of actual weights
Z-SUM	- Printout of intermediate sum - Input request new article
G-SUM	- Printout total sum - Input request for determination and new article
TOTAL	- Print (with delete option) total - Print (with delete option) individual item total
MANUAL	Manual entry of quantity/weight
CANCEL	Cancel function using back weighing

Totalisation	
Weight totalisation	Gross, net, tare. Minimum control 1 to 99d.
Item totalisation	Three levels: subtotal, total and grand total stored under item numbers.
Capacity of total memory	9 places, or 999,999,999kg
Consecutive numbering	Consecutive numbering of each individual weighing operation, 6 places up to 999,999.
Item counter for outputting total	6 places, up to 999,999 items
Item management/storage	999 item numbers, with edit function
Manual inputting of weights	Known net weights
Cancellation	Cancel function using back weighing
Identification data	6 characteristic data memories, each allowing entry of 30 numeric and alphanumeric characters.
Data backup	All total, item and characteristic data memories are buffered to avoid losing data in case of power failure.
Starting printing on the GA46 thermal printer	Manual or automatic



Computer port	
Port	<ul style="list-style-type: none">• RS232• 20mA current interface• RS485/422• EtherNet• WLAN• Bluetooth• USB
Outputting total report to computer system	By means of interface commands, it is feasible to request a report of the current total sum with all articles. The total sum is then deleted, depending on the command.

General functions	
INFO	Easy retrieval of: <ul style="list-style-type: none">• Subtotal• Total• Grand total• Auto-totalisation ON or OFF• Value of last cancellation• Value of last manual entry
Control signals	Via 4 I/O-690 interface and 4-690 or RS485/422-690 relay box and 8-690 relay box (accessories): <ul style="list-style-type: none">• Signal outputs: DeltaTrac status (too few/OK/too many), scale stability• 8 independent freely definable switching points• Signal inputs: ON/OFF key, zeroing, taring, Enter

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