

of its parts?

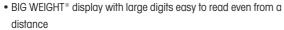


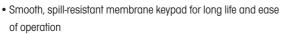
Accurate data for you and your customers.

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



Rugged, industrial housing provides IP69K protection





- Codes A to F for clear identification and relation of weighing data to product
- Interfaces make it easy to connect peripheral systems



Ident D

Ident E

Ident F

Destination

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 tailormade 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.





3.042 kg

101,615 kg

84.140 kg

17.475 kg

ITEMS

Total

eGross

CNet

CTare

Citems







• 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 intevention 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	9 places, or 999,999,999kg
memory	
Consecutive	Consecutive numbering of each individual
numbering	weighing operation, 6 places up to
	999,999.
Item counter for	6 places, up to 999,999 items
outputting total	
Item management/	999 item numbers, with edit function
storage	
Manual inputting	Known net weights
of weights	
Cancellation	Cancel function using back weighing
Identification data	6 characteristic data memories, each
	allowing entry of 30 numeric and alph
	anumeric characters.
Data backup	All total, item and characteristic data
	memories are buffered to avoid losing data
	in case of power failure.
Starting printing on	Manual or automatic
the GA46 thermal	
printer	





Computer port	
Port	 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:
	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):
	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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