

IND690form

Application software

Accurate weighing, user-friendly terminal and software embodying extensive know-how are essential for saving material and getting the formula right as first time. They come standard with the IND690-Form terminal, along with built-in interfaces for METTLER TOLEDO's large range of scales and balances, as well as other peripherals or your host computer.



**The formula for
a successful mix.**

METTLER TOLEDO

Prevent over- or under-filling

Weighing formulas with IND690form brings the benefits of efficient use of raw materials and consistently accurate consignments.

Formula

Ident B

Components

Ident D

Ident E

Ident F

- Rugged, waterproof housing, protected to IP69K
- BIG WEIGHT® display – for easy reading, even from a great distance
- Smooth, sealed membrane keypad for long life and ease of cleaning
- 4 different scales can be connected for extremely accurate formulas
- Codes A–F for clear identification of the formula data
- Interfaces allow easy connection of external systems

Time is money – and you can save both with the IND690form

With expensive labour costs and valuable materials, the IND690form is particularly economical. The powerful software, combined with accurate scales, prevents complaints about incorrect proportioning.

METTLER TOLEDO offers tailor-made scales and terminals, ranging 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 milligrammes to tonnes.

Successful weighing and totaling in the chemical, pharmaceuticals and food industries with IND690form.



BIG WEIGHT® is a registered trademark of Mettler-Toledo (Albstadt) GmbH. German Patent 197 32 659. European Patent O 895 071.



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XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
- TOPCOL -
Follow your suit
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Formula                               DRAGONGREEN
Order No.                             5587475

Date                                   12.05.05
Time                                   10.49.38
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Component                              GREEN.844E3
n                                       1
Net                                    16.048 kg
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Component                              YELLOW.597T5
n                                       2
Net                                    3.210 kg
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Component                              BLUE.221W4
n                                       3
Net                                    1.604 kg
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

No. of components                       3
GREEN.844E3                             16.048 kg
YELLOW.597T5                             3.210 kg
BLUE.221W4                               1.604 kg

XNet cont.                              20.862 kg
Tare cont.                              6.702 kg
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

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Typical printout shown actual size 1:1



- **Formula weighing**

The IND690form takes account of the characteristics of horizontal or vertical configurations for various applications and branches of industry as standard.

- **Totalisation**

The weights of components from several containers are totalled by the IND690form at the touch of a button with the item counter.

- **4 scales can be connected**

Choose the ideal combination for maximum weighing accuracy.

- **Tare functions**

The IND690form's ingenious additive, multiplicative and provisional tare functions are a real benefit.

- **Fast data input without errors**

Using a bar code, separate keyboard or online from your host computer.



Formula weighing

Formula weighing	Dispensing of several components into a container. Each formula and component can be provided with an identification.
Total memory	Up to 8 places
Manual input memory	Up to 6 places
Component counter	Up to 9999
Container counter	Up to 9999
Minimum component weight	10d
Tolerance checking	With DeltaTrac analogue weighing-in guide

Formula weighing function keys

PLUS	Enter component into the memory
CONTAINER	Close current container and put new one on the scale
TOTAL	Total all of the constituents dispensed
MANUAL	Input manually to add constituents and products already weighed

Weighing pharmaceutical formulas

Formula weighing	Each component of a formula can be dispensed into a separate container
Total memory	Up to 8 places
Manual input memory	Up to 6 places
Component counter	Up to 9999
Container counter	Up to 9999
Minimum component weight	10d
Tolerance control	With DeltaTrac analogue weighing-in guide

Function keys for weighing pharmaceutical formulas

CONTAINER	Close current container and put new one on the scale
TOTAL	Total all of the components dispensed
MANUAL	Input manually to add components and products already weighed

Totalisation

Totalisation	Each component of a formula can be dispensed into a separate container. Each formula and component can be provided with an identification.
Total memory	Up to 7 places
Manual input memory	Up to 6 places
Item counter	Up to 9999, any start and end value may be chosen
Container counter	Up to 9999
Minimum item weight	10d
Movement threshold	30d

Totalisation function keys

PLUS	Enter component into the memory
TOTAL	Total all of the components dispensed
MANUAL	Input manually to add components and products already weighed

General functions

Information function	Easy retrieval of total, item counter, component counter, container counter, identification data A to F and last manual entry
Control signals	Via 4-1/0-690 and 4-690 relay box or RS485/422-690 and 8-690 relay box (accessories): <ul style="list-style-type: none"> • Signal outputs: DeltaTrac status (too few/OK/too many), scale stability • Signal inputs: ON/OFF key, zeroing, taring, enter • 8 independent, freely definable switching points

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