

# WORLDWIDE NETWORK



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Your weighing specialist

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## I 700 SQC

### Statistical Quality Control

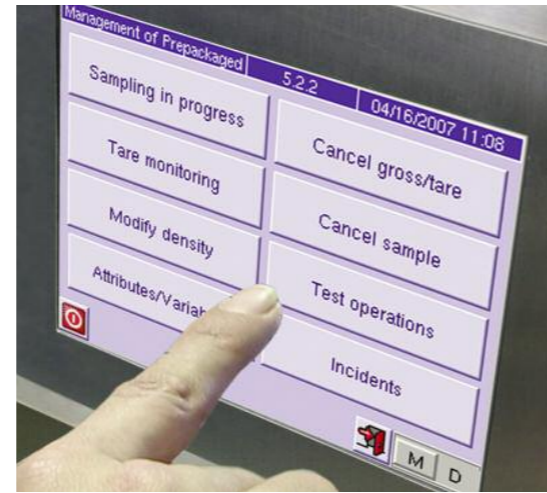


# I 700 SQC

A complete tool for a quantitative and quality control of the production

## Man Machine interface

- ▶ **A great user-friendliness**  
A colour touch screen enable a direct access to the different operations
- ▶ **A small overall**  
Easy integration in the industrial environment



## Electronic filing

- ▶ **No printer need**  
by electronic filing of all the results on the hard disk



## Integration in the company network

- ▶ From the stand-alone to network configurations



- ▶ Multi-stations working
- ▶ Data transfert by Ethernet network or USB key
- ▶ Connexion to the ERP databases



## Statistical control of the pre-packaged

- ▶ Check on solid or liquid products governed or not by European legislation for pre-packaged
- ▶ Check weighings on the nominal product quantity using 3 types:
  - Sampling with average tare
  - Sampling with variable tare (tare to gross)
  - Destructive sampling (gross to tare)
- ▶ Adjustments during production (tare and density)
- ▶ Production planning by a management of a central check plan
- ▶ Print summaries at the the end of sampling
- ▶ Warning messages with possibility of acknowledgement by passwords



## Quality control

- ▶ Quality control criteria configurable by product
  - visual attribute (number of missing labels, number of defective packages, etc...)
  - manual variable (machine temperature, pH check, etc...)
  - weight variable (check weigh scale, weight of box, etc...)
  - expiration (check of the use-by date)
- ▶ Each check may be made by element or globally for the sample



## Management of the database

- ▶ Database on the I700 terminal or on a network server PC
- ▶ Unlimited table size depending only on the disk capacity
- ▶ Data transfer between I700 terminal and PC by USB key or through the Ethernet network
- ▶ Table of errors and measurement intervals in accordance with the European legislation
- ▶ Product table with management of 4 thresholds (TU2, TU1, TU and TO)
- ▶ Operator identification table by password
- ▶ Machine table identifying different production lines
- ▶ Import/export of all tables in text format



## Traceability and statistics

- ▶ Full traceability of all weighings and quality controls
- ▶ Viewing of samples by multi-criteria query (check log)
- ▶ Accumulated statistics on a complete production batch
- ▶ Sample weighing dispersion histogram
- ▶ Average quantity variation graph
- ▶ Pareto chart (distribution of defects)
- ▶ P chart (variation of the relative error of defects)
- ▶ Viewing on I700 terminal or PC
- ▶ Configurable export for interpretation of results by Excel or Access

