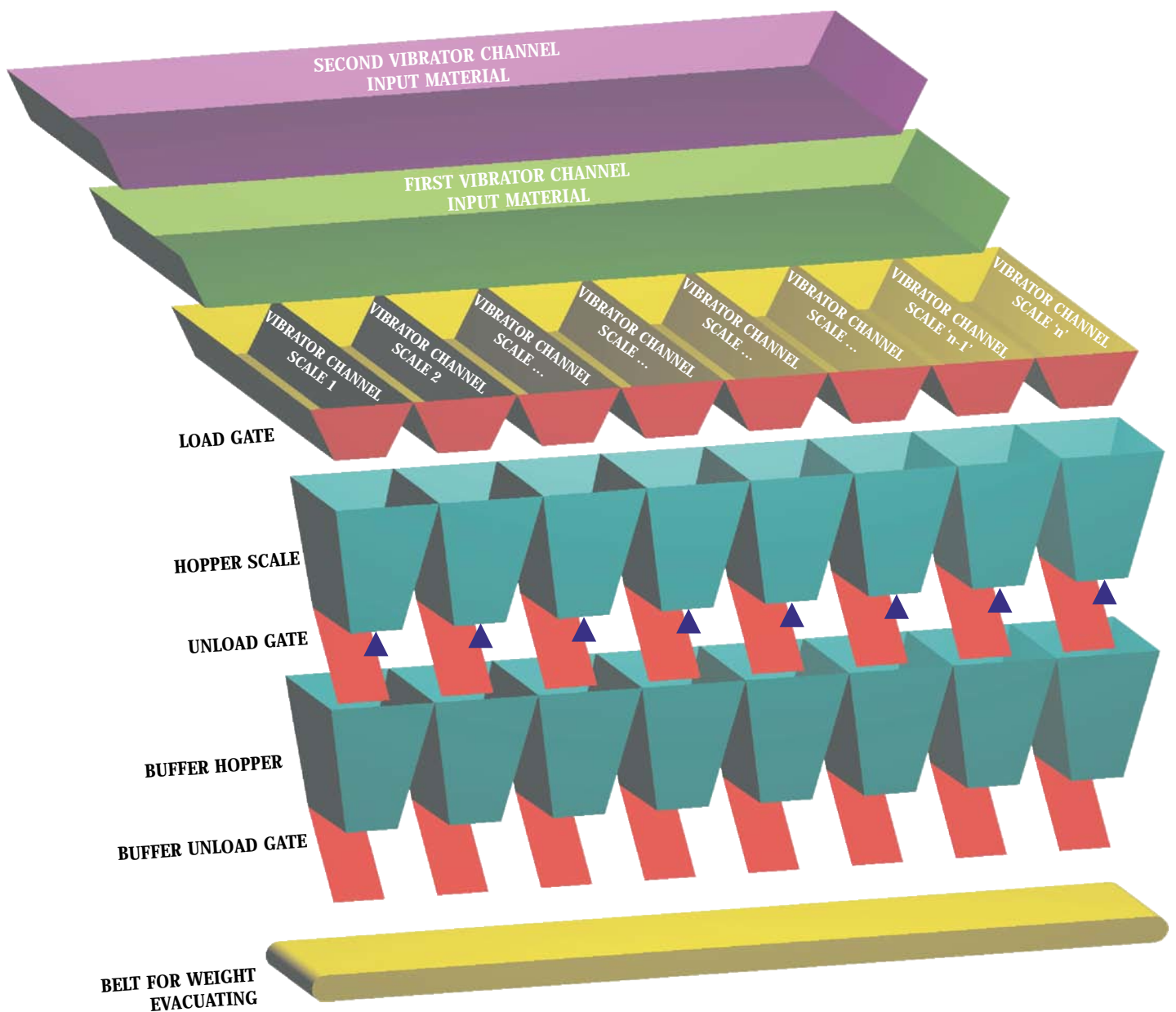# DW-MH##

Multihead Weighing System

➤ **This system performs a partial weight of a product to achieve a nominal weight with great accuracy and speed. It can also be controlled by a packing machine with which it can communicate.**

➤ **This system is ideal for applications requiring high production and maximum precision such as, for example, for bagging snacks, cereals, cookies, cakes, candy, coffee, fruit, vegetables, salad, cheese, precooked food, frozen food, seafood, etc.**

MAIN FEATURES:
➤ Weight calculation algorithm extremely optimized and precise.
➤ Vibrators channels controlled by Pulse Width Modulation (PWM), automatically adjustable to achieve a perfect product flow.
➤ Hoppers opening and closing optimized for maximum fill rate.
➤ Versions for 8, 10, 12, 14 and 16 scales.

SECOND VIBRATOR CHANNEL INPUT MATERIAL

FIRST VIBRATOR CHANNEL INPUT MATERIAL

VIBRATOR CHANNEL SCALE 1
VIBRATOR CHANNEL SCALE 2
VIBRATOR CHANNEL SCALE ...
VIBRATOR CHANNEL SCALE ...
VIBRATOR CHANNEL SCALE ...
VIBRATOR CHANNEL SCALE ...
VIBRATOR CHANNEL SCALE 'n-1'
VIBRATOR CHANNEL SCALE 'n'

LOAD GATE

HOPPER SCALE

UNLOAD GATE

BUFFER HOPPER

BUFFER UNLOAD GATE

BELT FOR WEIGHT EVACUATING

DW-MH##

MAIN FEATURES:
✓ Setup through a touch screen.
✓ Until 200 programs in memory.
✓ Adjustment of preact weight to optimize the filling.
✓ % of vibration for each vibrating channel configurable through touch screen.
✓ Provided with opto-isoled digital inputs for photo-eyes to indicate full transportation channels.
✓ Test for relays, vibrators, etc.
✓ Configuration options protected by a configurable PASSWORD.
✓ Working hours and number of performed cycles protected by a configurable PASSWORD.

OPERATING MODES:
✓ Uniproduct.
✓ Biproduct (to mix two products, for example for salads).

FEATURES:
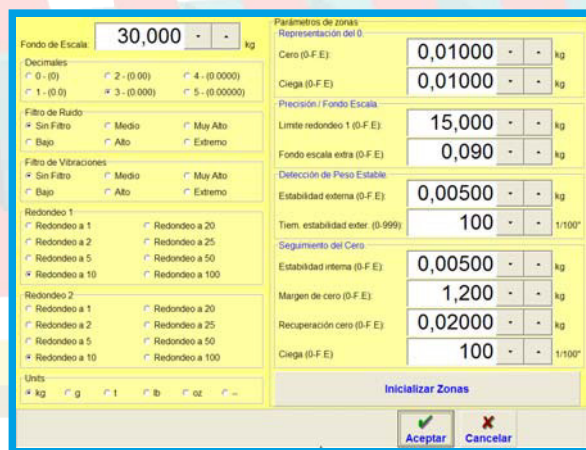✓ Load Cell Input with a 24 bits A/D Sigma-Delta converter.
✓ Opto-isolated analogical Output: 0-20mA, 4-20mA, 0-5Vdc, 0-10Vdc (optional)
✓ 15" touch screen PC or 5.6" touch screen (depending on version)
✓ 2 Opto-isolated Serial Ports: 1 RS232C and 1 RS422 or RS485.
✓ from 4 to 64 PNP or NPN Opto-isolated Inputs.
✓ from 12 to 192 Potential-free Relay outputs
✓ from 5 to 80 PWM outputs (triacs) - (depending on version).
✓ Power supply: 24Vdc and 115Vac / 220Vac.
✓ All mounted on a cabinet.

Main screen

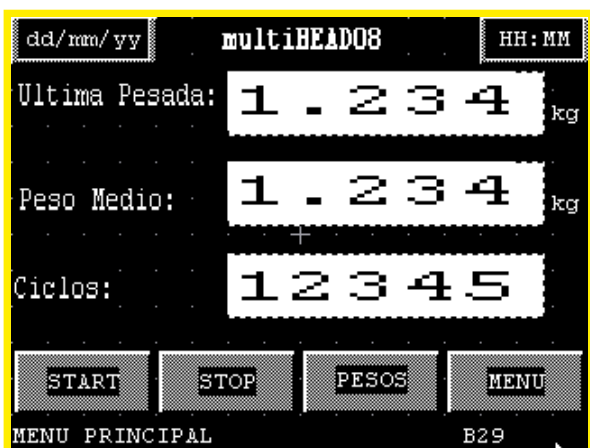Weight setup

Main screen

Weight setup