

# LINEAR SCALE SYSTEM

*Developed for the application in difficult environments*

## Model ALPHA I-V



Scaling of  
**all** products  
GRANULATES  
or  
BULKY products

Specially designed for the **scaling**  
of **FOOD** Moist fragile Sticky  
Difficult or **COMPLEX**



Plums

Rice pudding

Mozzarella

Salad

Convenience food

Fresh cut vegetables

Grated cheese



Pâtisseries

Candy

Sea Fruits

Delicacies

Cheese cubes

Fresh cut fruits

Cottage cheese

Grapes



## Configuration and important basic functions:

Sturdy and stable design.  
Simple and easy handling.  
Simple maintenance.  
Execution with up to 5 parallel weighing lines.  
Range of weight from 0 – 20 kg.  
Speed: up to 20 weighing per min/per weighing head, considering the product characteristics.  
Fast and easy disassembly and re-assembly of all parts in contact with the product!  
Max. reduction of cleaning time for product change!  
Automatic taring intervals, freely adjustable.  
Automatic average value of weighing control.  
Automatic discharge of excess weights.  
Minimum- and maximum weight entries with signal output.  
Option of network linking for operation and control of the system via local computer (external).  
Calculation of parameters for static purposes.  
Storage of all program parameters via USB stick.



## Technical execution:

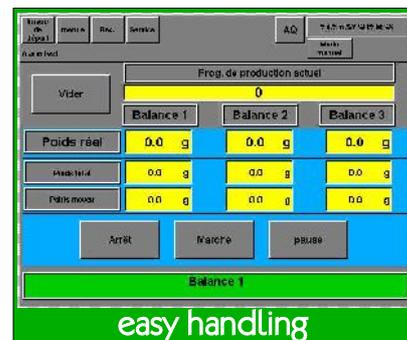
Between 1 and 5 weighing lines, each scale built in separate casing.  
Complete design in stainless steel make.  
Weighing cells in stainless steel design, protection class IP67.  
Flaps of weighing bucket, special anti stick version.  
Opening of weighing flaps pneumatic or motor-driven.  
Product transportation via conveyor belt and high-power vibrators.  
Product-specifically adjusted coarse- fine- and vibration chutes.  
Control of vibrations amplitude via frequency with optimization.  
Vibrator drive via magnetic coils, wet operation design.  
Closed scale casing, protection class IP67.  
Disassembly of the electrical, pneumatic and mechanical connections via quick exchange unit (w/o tools).  
Actuation of supply belt with Interrroll drum motor, protection class IP67, gear box design with gear clusters in stainless steel (superior quality).  
Connections of actuation- and evaluation units via CAN BUS, protection class IP 67.  
Scale drive via SPS control, manufacturer B&R.  
Operation via 13" color touch screen display in stainless steel housing, protection class IP67, with Windows XP.  
Embedded, connections via network cable.  
Saving of up to 99 programs.



## Options :

Teflon coating of all parts in touch with the product.  
Option to actuate/control separate supply systems.  
Program modifications according to customer demands.  
Implementation resp. construction of external supply systems.  
Special supporting platform design.  
Centrally installed switch cabinet for synchronization of the system.  
Signal lights for synchronic, - and alarm indication.  
Release station for synchronic of deep drawing machine.  
Release stations, collective bins for synchronic operation with packaging machine.  
Mobile design.  
Plus a variety of other options...

**For further information, please contact us!**



Certificates CE and documentation in (German, English, and French.)

**Commissioning and service performed by specialists**  
Reliable customer service.  
Spare parts available on stock (no waiting periods.)