

# MICRODOS - 3

Continual dosing system for SAP

Micro design system  
SISTEMI INTEGRATI DI CONTROLLO MISURA E DOSAGGIO





The MICRODOS-3 feeders of our production represents the right solution to weight and dose in automatic products in dust and in granules, for alimentary industries, confectionery, chemical pharmaceutical.

The various models at your disposal cover a large range of weights and courses, such to resolve every demand.

## LOSS-IN-WEIGHT FEEDER WITH VIBRATING SYSTEM.



WEIGHT	VIBRATING SYSTEM			
	MD 30-3	MD 60-3	MD 100-3	MD 800-3
0,5 - 60 Kg/h	X	X		
1 - 200 Kg/h		X	X	
10 - 600 kg/h			X	X
10 - 800 Kg/h				X

## MICRODOS 3 CONTROL MODULE

The working module with a microprocessor and a PC panel with touch screen, guarantees a high precision in dosing and assures an easy employment for the driven entry of parameters and adaptability of the configuration to the individual requests.

A remarkable characteristic of this tool is the possibility to change whatever planning datas during the functioning of productive line, without creating variations in dosing. The connection to the business net "internet" allows the continuous updating of the software and our remote assistance.





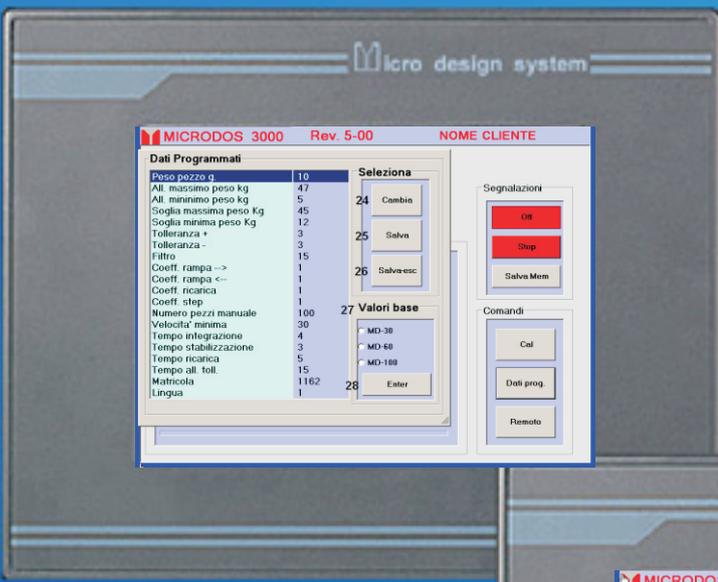
## CHARACTERISTICS OF THE CONTROL MODULE MICRODOS 3

Functioning:	
Manual:	with manual setting weight / rate
Automatic:	feedback with the connected system
Load Cell:	with 300 ohm bridge
Analog digital converter resolution:	24 bit > di 16 millions of point
Visualization:	colour monitor TFT - 800x600 pixel - 8,4"
Programming parameters with driver menu (also with line production)	
Indicators:	textual and visual on color monitor
Input/ Output	For surveys speed and alarm signal
Precision:	The values precision are reported to a sampling window of 4 seconds for weight/piece over 3 grams and 6 seconds for weight/pieces inferior 3 grams
Maximum error	With system in regime: $\leq \pm 1\%$ With system in ramp: $\leq \pm 3\%$ With system in refill: $\leq \pm 3\%$

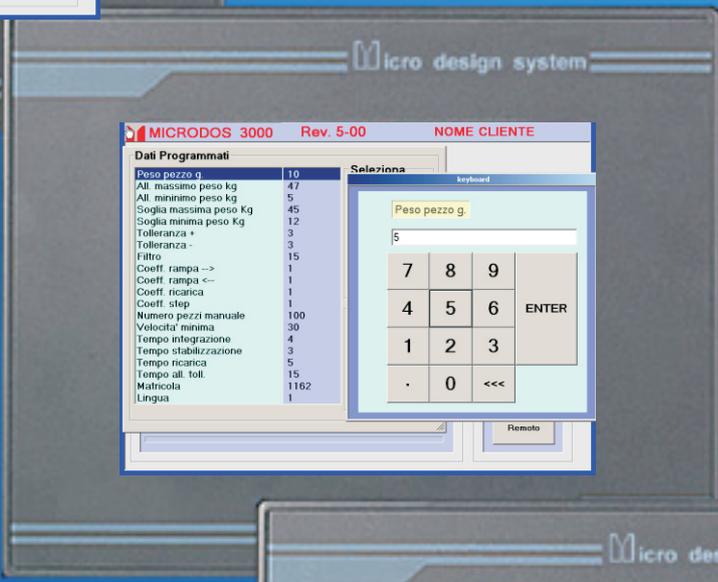
**Adjustment weight requested on departure: immediate (without discards)**

If system will be connected to internet using remote assistance, errors in ramp and refill will be reduced and contained within  $\pm 1 / 2 \%$ .

Managerial Software use an algorithm of autolearning able to conform in automatic (in space of 12/18 seconds) to the system working way (e.g. change of format, change sap with different specific weight) without the necessity to be re-calibrated.



The graphic interface with the consumer allow an immediate visibility to the operational parameters



The technology "touch screen" simplifies the programming of the pc module



**Remote controll**  
the connection at the local net allows the management at distance of the system

**Remote assistance**  
the contract of remote assistance, free for the first 6 months of installation, allow to send daily the operational datas of the microdos to our centre. Their analysis from our technical department allow the operational optimisation of the dosing system. Through the activation of the hardware signal and a message to screen, our centre is put in communication with personnel of system allowing the possible correction of the anomalous parameters.  
The connection is effected in internet through business net.

