

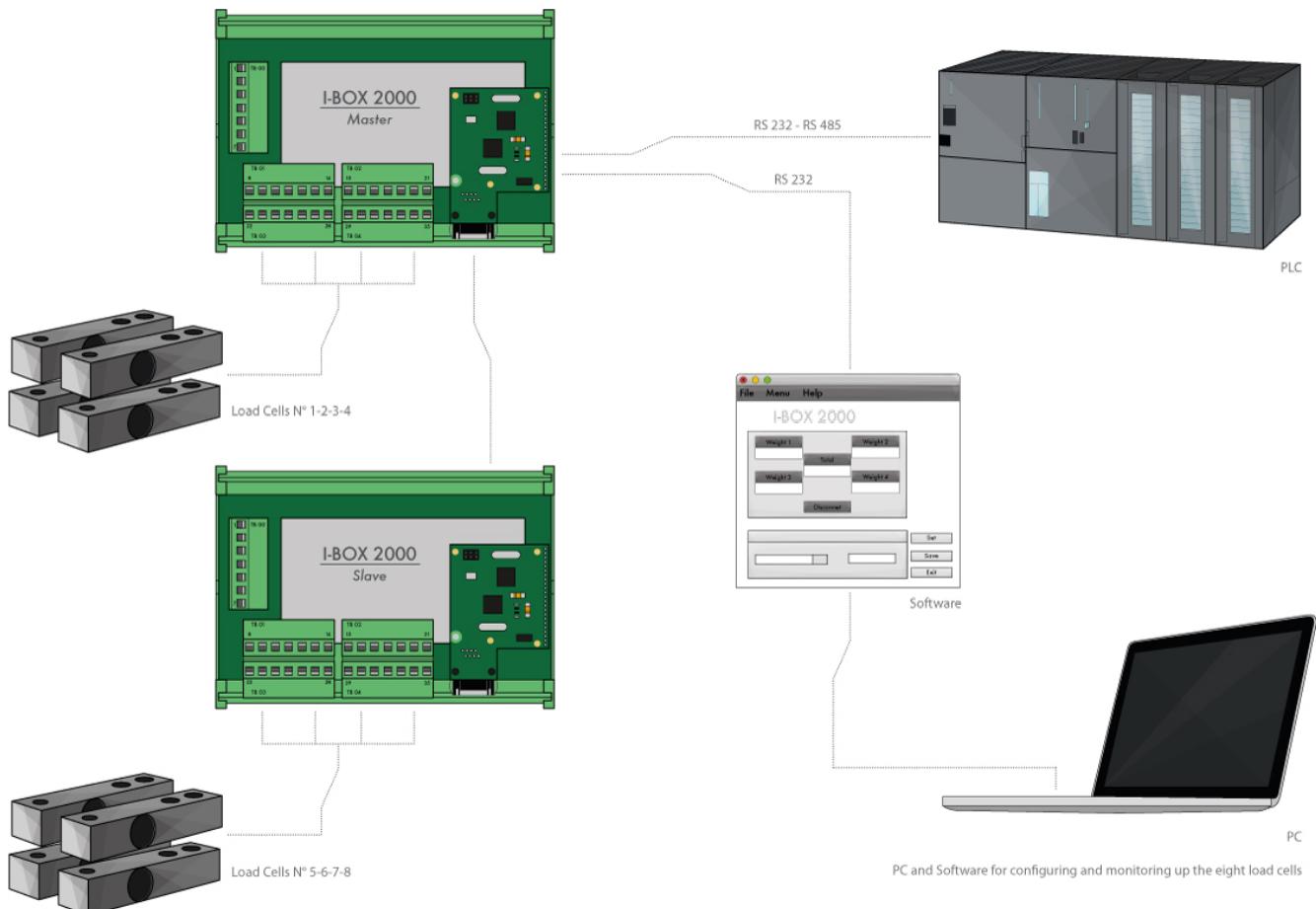
For weighing systems based on strain gage load cells
 Allows continuous monitoring of individual load cells
 The effective low-cost alternative to digital load cells
 It substitutes every analog junction box
 It simplifies the installation and accelerates the calibration of the system
 It provides to give the weight and the signal output of each single cell to correct weight distributions on the load cells
 A dedicated PC software allows to program the parameters of operation, monitors every channel and displays the values ??of weight



TECHNICAL CHARACTERISTICS I-BOX 2000

Trasducer input voltage:	5 V (max 6 load cells 350 Ohm)
Measuring range:	-0.5÷+3.5 mV/V (-3.9÷+3.9 mV/V optional)
Input sensitivity:	0.03 µV/ per count
Linearity:	<0.01% of full scale
Gain drift:	<0.0003% of full scale/ °C
A/D Converter:	24 bit
Resolution:	> 16.000.000 counts
N° of reading per second:	0.1 to 72 depending on the number of active channels and digital filter
Tool voltage:	12÷24 Vcc or 5 Vcc on demand
Temperature range:	-10/+50 °C
Serial door:	COM1: RS232 (until 15m) COM2: RS485 (until 1000m)
Dimensions:	Sheet: 128 x 72 x 20 (L x W x D) - ABS case: 200 x 150 x 75 (L x W x D) - metal enclosure: 160 x 160 x 90 (L x W x D)
CE certifications:	EN 61000-6-3, EN 61000-6-2



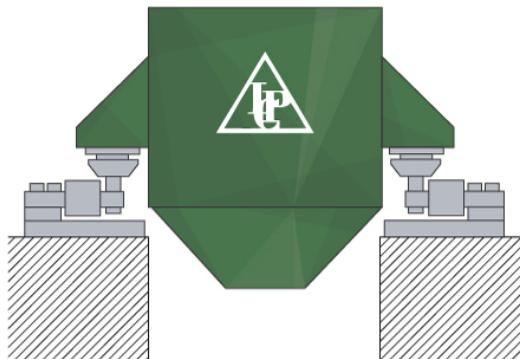


PC and Software for configuring and monitoring up the eight load cells

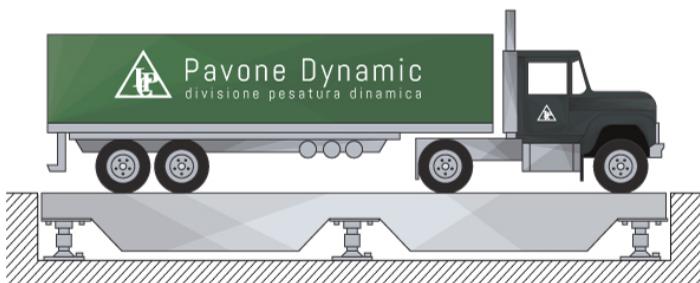




Tank scales



Hopper scales



Vehicles scales



Floor & Bench scales

To Pcs, PLCs, Displays, UWT 600 weight transmitter and MC 302 Indicating Controller (see separate literature)



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