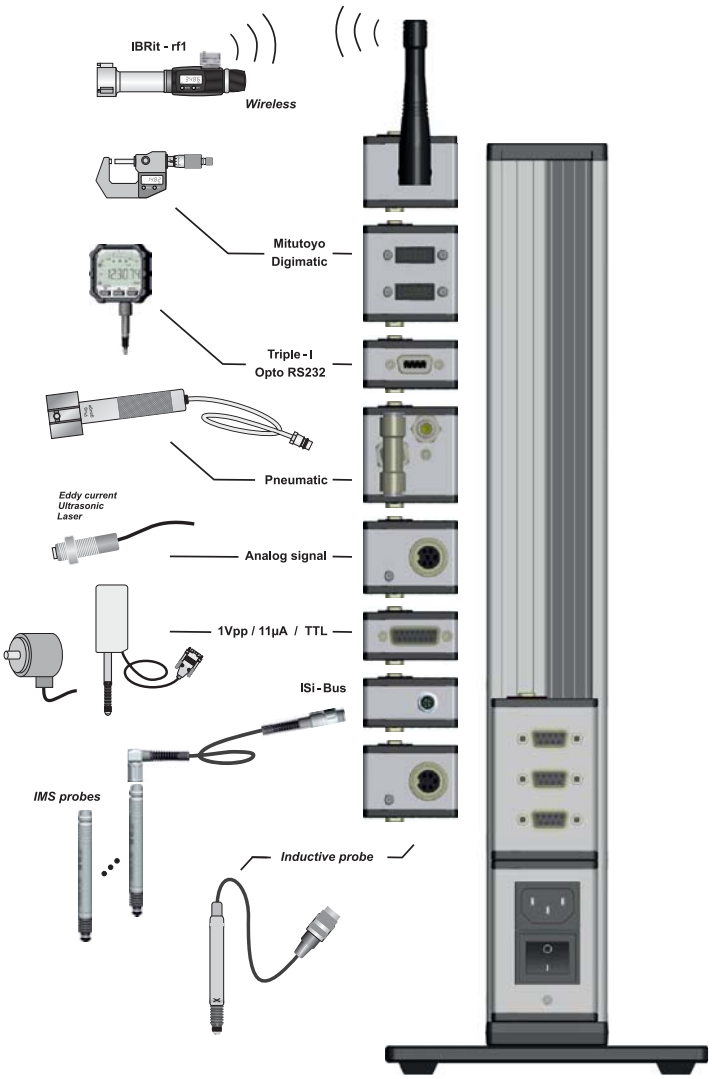
C200 Colum gauge

Germany Made



Mechanical characteristics

Case	Aluminium, plastic top and bottom parts
Base	Aluminium powder-coated
Front panel	Acryl glass (scratchproof)
Dimensions / Weight	(WxHxD) 56 x 418.5 x 86mm / 1340g

Electrical characteristics

Power supplies: IMB-ps2	Switched power supply 100 ... 240 VAC
IMB-dc1	Supply with DC voltage 9 ... 32 VDC
IMB-acc	Accu module (1850 ... 5500 mAh)
Max. power consumption	2.5 VA (without measuring modules

Display

Column display	103 + 2 LED's for "out-of0range" display, 3-colours with auto. color selection
LED - Numeric displays	6-digit + 2-digit (7.62mm)
Programming menu LED's	17 LED's, red

Connections

IMBus	EIA RS485, 64 clients, length 1200m
Interface	EIA RS232 (4800, E, 7, 2)
Ft1 / Ft2	Trigger inputs for external contacts and outputs for toleance adapters

Measurement parameters

Measuring range / Resolution	±99.9999mm / 0.1 µm, ±4 / 0.00001 inch ±99.999mm / 1 µm, ±40 / 0.0001 inch
Resolution	16 Bit (analogue), 24 Bit (incremental)
Sample rate	50 measurements per second
For specifications concerning measurement error, linearity, hysteresis and temperature drift please refer to the technical data of the particular IMBus module	

Measurement parameters

Operation / Storage temp.	0 ... 50˚C / -20 ... +60˚C
Protection class	Front panel IP65 (CEI / IEC 529 Rear panel depending on the modules

Ce conformity EN50081 - 2 and EN50082 -2

SD1 short operating instruction :

Key function in programming menu

Key function in measuring mode

Key functions in :	Measuring mode	Programming menu
PRG	Call programming menu	▼ Decrease flashing display (-1)
> 2 sec.	*Freely programmable favorit key*	Exit programming menu
DATA	Data transfer Start / Stop dynamic measurement	▲ Increase flashing display (-1)
> 2 sec.	*Freely programmable favorit key*	- - -
>0<	Zero adjustment	ENTER Confirm flashing display
> 2 sec.	*Freely programmable favorit key*	Exit menu item

Capability of connection for IMS probes

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