



Weighing Solutions

Load cells, Mounting kits, Electronics



A range of load cells from 200 g to 1 000 t

Our know how and our experience of weighing applications has enabled us to develop and produce one of the widest ranges on the market. Our load cells cover wide measurement ranges to satisfy all requirements and are offered with different protection levels and precision classes.

For all your applications...

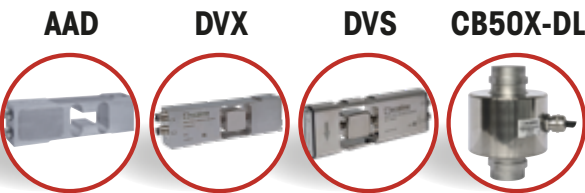
The quality of our products is renowned and our technological knowledge enables us to offer a complete range of weighing solution.

- Scales manufacturing
- Vehicule weighing
- Dynamic weighing
- Industrial process
- Lifting, safety



Enter the age of digital measurement...

We associate our know-how in analog signal processing with digital technologies to provide high performance digital load cells for weighbridge application or weighing machine control.



DVS is a digital load cell with EHEDG hygienic design offering a unique solution for aseptic filling machines.

Certified performance and safety...

Most of our sensors comply with the current regulations and standards to provide you with the best guarantees of performance and safety.



LOAD CELLS

Model	Digital											
	AR	AQ	AL	AG	AH	AP	AVX-AVS	AXL-AXH	AK	AAD	DVX - DVS	F60X
Type	Single Point											Bending
Rated load capacity (Cn)	0.2 kg ... 1.2 kg	5 kg ... 35 kg	3 kg ... 30 kg	2.5 kg ... 100 kg	50 kg ... 200 kg	75 kg ... 635 kg	7.5 kg ... 125 kg	15 kg ... 500 kg	6 kg ... 300 kg	5 kg ... 75 kg	7.5 kg ... 75 kg	5 kg ... 500 kg
OIML Accuracy class	-	C3	C3	C3 / C6	C3 / C6	C3	C3 / C6	C3	C3	3 000 d	3 000 d	C3 / C6
Combined error (% Cn)	0.02	0.017	0.017	0.017 / 0.008	0.017 / 0.008	0.017	0.017 / 0.008	0.017	0.017	0.02	0.02	0.017 / 0.008
Construction	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Stainless steel	Stainless steel	Stainless steel	Aluminum	Stainless steel	Stainless steel
Protection	Coated, IP63	Coated, IP65	Coated, IP65	Coated, IP65	Coated, IP65	Coated, IP65	IP69K	Scellé, IP68	Sealed, IP68	Coated, IP65	Sealed, IP69K	Sealed, IP68

Consult our complete product range on: www.scaime.com

LOAD CELLS

Model	Digital											
	SK10A	SK30A	SK30X	M15 - M16	ZFA	ZA30X	R10X	R30X	RH10X	CA40X	CB50X	CB50X-DL
Type	Shear Beam			Load pin	Tension			Compression				
Rated load capacity (Cn)	500 kg ... 5 t	500 kg ... 5 t	300 kg ... 5 t	20 kg ... 100 t	25 kg ... 5 t	500 kg ... 7.5 t	250 kg ... 100 t	1 t ... 25 t	100 t ... 1 000 t	100 t ... 200 t	5 t ... 60 t	20 t ... 60 t
OIML Accuracy class	-	C3	C3 / C6	-	-	C3	-	C3	-	-	C4	C4
Combined error (% Cn)	0.02	0.017	0.017 / 0.018	0.5 / 0.1	0.03	0.017	0.1	0.017	0.2	0.024	0.013	0.013
Construction	Nickel plated steel	Stainless steel	Stainless steel	Stainless steel	Nickel plated steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Protection	Coated, IP67	Coated, IP67	Sealed, IP68	Coated, IP65	Coated, IP67	Sealed, IP68	Sealed, IP68	Sealed, IP68	Sealed, IP68	Sealed, IP68	Sealed, IP68	Sealed, IP68

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MOUNTING KITS

Model	EN 1090											
	LFC - LFD	LFA	RUBBERKIT	QUICKFIT	ISOFLEX	STABIFLEX EVO	SILOKIT-R	SILOSAFE-R EVO	STABICAN	LPM - LPS - LPC	ROD-END	
For load cell...	F60X	SK10A, SK30X, SK30A	F60X	SK10A, SK30X, SK30A	SK10A, SK30X, SK30A	SK10A, F60X, SK30X, SK30A	R10X	R10X, RH10X, R30X	CA40X, CB50X	CB50X	ZFA, ZA30X	
Capacity	5 kg ... 500 kg	300 kg ... 5 t	5 kg ... 300 kg	300 kg ... 5 t	300 kg ... 5 t	5 kg ... 5 t	250 kg ... 30 t	250 kg ... 750 t	1 t ... 200 t	5 t ... 60 t	25 kg ... 7.5 t	

Solution for signal processing

We offer solutions for conditioning, displaying and transmitting weight measurement. Our electronics include functions covering a wide range of applications:

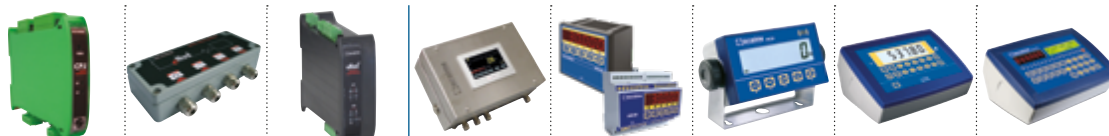
- Process control
- Proportioning, filling
- Management of scales
- Belt weighing
- Continuous feeding

We also offer the following for integration into industrial environments:

- Measurement solutions for use in hazardous areas
- Standard interfaces with the main automated systems (PROFIBUS-DP, Modbus-RTU, CANopen®, Modbus-TCP, EtherNet/IP, PROFINET®, EtherCAT®)

ELECTRONICS

●: Standard
○: Optional



Model	CPJ	eNod3	eNod4-DIN	eNod4-BOX	IPE50 D/P	IPC20	IPC50	IPE100
Type	Weighing Transmitters				Weighing Indicators			
Connectable load cells	4 analog (350 Ω)	8 analog (350 Ω)	8 analog (350 Ω)	4 analog (350 Ω)	8 analog (350 Ω)	8 analog (350 Ω)	8 analog (350 Ω)	16 digital or 16 analog
Accuracy class	0.05 %	0.01 %	0.01 %	0.01 %	-	-	-	-
Nb of division OIML	-	6 000 d	6 000 d	6 000 d	10 000 d	10 000 d	10 000 d	10 000 d
Display	-	-	○	○	LED 9/18 mm	LED 25 mm	LCD 25 mm	LCD 25 mm operator guide
Logic Input (I) Outputs (O)	○ 2 ○	● 2 I - 4 O	● 2 I - 4 O	● 2 I - 4 O	● / ○ 2 I - 2 O / 6 O	- / -	○ 2 I / 2 O	● 2 I / 4 O
Analog Output	●	-	○	○	○	-	-	-
Série link RS485 / RS232	-	● / ●	● / USB	● / USB	● / ●	○ / ●	○ / ●	● / ●
Bluetooth	-	-	○	○	-	-	-	-
Modbus / PROFIBUS® / CANopen®	-	● / - / ●	● / ○ / ●	● / ○ / ●	● / ○ / -	- / - / -	-	-
Modbus-TCP / PROFINET® EtherNet/IP / EtherCAT®	-	-	○ / ○ ○ / ○	○ / ○ ○ / ○	-	-	-	-

ACCESSORIES



Junction boxes



Repeaters



Zener Barriers



Cables



Printers

Weighing process under control

Our weighing chains based on eNod controllers and digital load cells have proven their performances in a wide range of industries such as food, steel, chemical, bulk and powder...

- > Very high speed and accurate measurement
- > Integrated applications for weight level monitoring checkweigher, filling, belt-weighing or loss-in-weight feeding
- > Easy to implement in automated systems, software tools to eNodView
- > Modbus-RTU, PROFIBUS-DP, CANopen®, Modbus-TCP, EtherNet/IP, PROFINET® and EtherCAT®
- > Optional Touch screen HMI
- > Optional Bluetooth and eNodApp Android application



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