SCAIME products keep your weighing process under control

Fit out your weighing structure with Scaime load cells and connect an eNod3 transmitter to extend your Schneider Electric PLC with quick and accurate weighing process

Especially designed to communicate with Schneider Electric systems, our weighing chains based on eNod3 have proven their performances in a wide range of industries such as food, steel, chemical, bulk and powder.

> Very high speed check-weighing and grading in most demanding environments (fruit, seafood).
> Quick and powerful filling or dosing, with advanced features.
> Level monitoring in tank and silo weighing.
> Easy to implement in automated systems, software tools to help adjustment and development.
> Technical support with high experience and knowledge.

Schneider Electric

More service with Schneider Electric's worldwide coverage

> Permanent worldwide availability

With over 5000 sales outlets in 130 countries, wherever you are you can be sure of finding a full range of products to meet your needs and fully compliant with the standards in your country.

> Technical support

Wherever you are Schneider Electric provides technical support around the world. What's more, Schneider's experts are at hand to work out a customized solution with you.

SCAIME
L'INFINIMENT PRECIS INFINITE PRECISION

Weighing solutions

Set up in 1983 with the added strength of a recognized technical heritage, SCAIME is one of the world leaders in the field of load cells and industrial measurement. With its full product range and its many associated services, SCAIME provides solutions enabling its customers' weighing problems to be solved easily.

A Global player at you service
Our headquarters are located in Annemasse (France). We are present in over 40 countries via a network of subsidiaries and specialized distributors. This proximity enables us to provide efficient support to our product range, under the form of services and logistics.

> www.scaime.com

Collaborative Automation
by
Schneider Electric

> Make the most of your energy

For your automation solutions

Collaborative Automation Partner Program

Weighing solutions for Schneider Electric PLC's in packaging applications

> **SCAIME**
L'INFINIMENT PRECIS INFINITE PRECISION

Schneider Electric

Weighing, filling and grading at very high speed

SCAIME designs weighing solutions offering speed, accuracy and features adapted to the specific requirements of dynamic weighing. SCAIME's load cells and electronics offer a perfect connectivity with Schneider Electric PLC's to build powerful automation systems in filling, dosing, check-weighing or level monitoring.
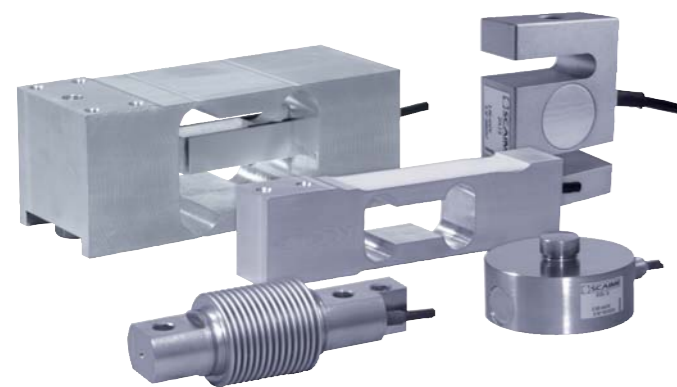
Load cells

A comprehensive range from 1 kg to 750 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.

> Single point load cells, capacities from 1 kg to 500 Kg
> Bending and shear beam load cells from 5 kg to 5 t
> S-type load cells from 25 kg to 6 t
> Compression load cells from 1 t to 750 t

To fulfil each of Schneider Electric needs, our load cells are offered with different levels of protection and accuracy classes.

Certified performance and safety

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

OIML NTEP Ex ATEX FM APPROVED

Mounting kits

Designed to ease the mounting operations

In order to restrict the influence of the environment on the performance of your measuring chain, we offer a wide range of accessories and mounting kits, suited for each application:
> Loading feet for scales and conveyors weighing
> Compression kits for tanks, hoppers and silo weighing
> Tension kits for hanging hopper weighing

We have specially designed these accessories to:
> Limit disturbing forces by vibration dampers, side stabilisation and lift-off prevention devices
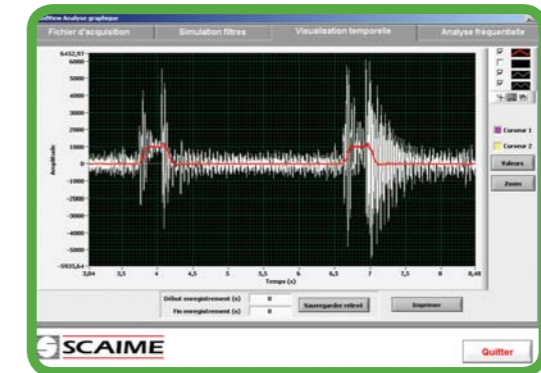> Limit the installation cost while assuring fast and efficient assembly

eNod3

The perfect way to extend your Schneider Electric system with high speed weighing functions

eNod3 is a range of intelligent transmitters dedicated to integration into automated systems:
> Able to transmit up to 1200 measurements per second with a maximum resolution of 1 million points
> Perfect connectivity with Schneider Electric PLC's by RS485, RS232 and CAN communication ports, using Modbus-RTU and CANOpen protocols
> Application cases with different Schneider Electric PLC's

eNod3 unloads PLC resources by taking control of dynamic weighing process (eNod3-C) or filling process (eNod3-D).

eNodView
To make your implementation easy, eNodView freeware is provided for set up, calibration, weight acquisition and digital filtering simulation.

Dynamic check-weighing with eNod3-C

eNod3-C version offers specific application software dedicated to dynamic weighing:
> Takes care of complete signal processing by calculating automatically weight values usable by PLC's for check-weighing or grading applications
> Available with 2 digital inputs and 2 outputs in order to manage external detectors signals
> Includes powerful digital filters dedicated to vibration noise cancellation.

Filling and Dosing with eNod3-D

eNod3-D offers functionalities dedicated to filling and dosing process:
> Controls by itself the complete mono-product dosing cycle according to parameters sent from a PLC
> Manages a 2 feed dosing cycle by loading or unloading
> Available with 2 digital inputs and 4 outputs in order to control the dosing cycle.