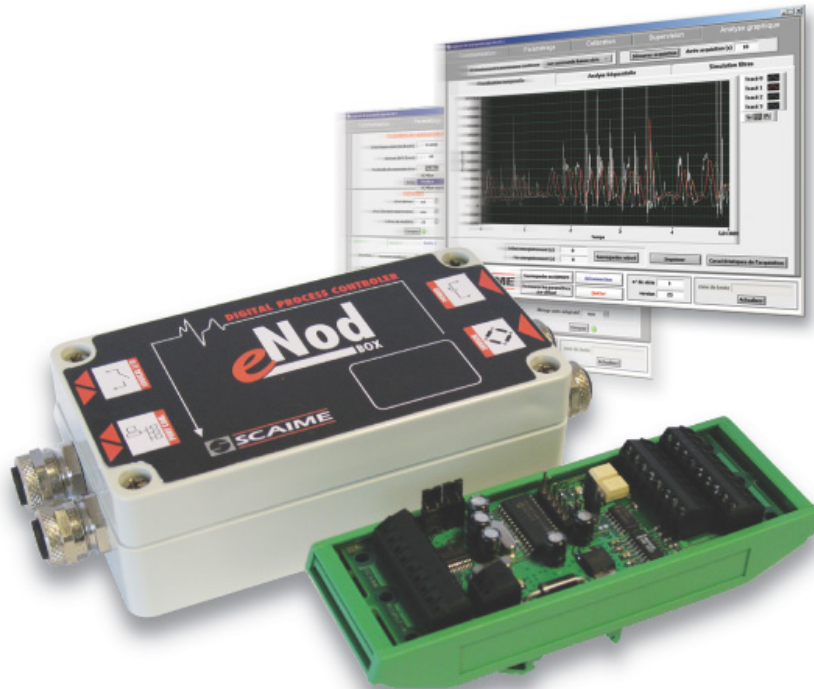




## eNod : digital measurement power 3 !



With its new digital transmitter eNod, SCAIME offers a low-cost and powerful solution to convert any strain gauge sensor into an intelligent digital system. eNod integrates three advanced operating modes allowing control of static or dynamic processes.

**1. Digital transmitter** : eNod heart is built on the latest generation of 24 bits analog-to-digital converter allowing high speed as well as highly accurate measurement acquisition. Thus, eNod is able to meet 1200 measurement/second transmission rate with an available resolution of 1 million divisions.

**2. Dynamic weighing controller** : eNod integrates intelligent functions dedicated to dynamic weighing (checkweighing, sorting, filling...). eNod carries out acquisition at very high speed and automatically calculate the dynamic weight value.

**3. Manufacturing process controller** : eNod allows the acquisition of values directly usable by any automated system (instantaneous measurement, peak values) dedicated to factory automation.

eNod provides RS485/232 and CANbus outputs supporting MODBUS-RTU, SCMBus and CANOpen protocols. Each module has 2 logical inputs and outputs allowing synchronization with a PLC as well as alarms management. To make easy eNod implementation, SCAIME offers **eNodView**, a PC freeware for set up and calibration, measurement acquisition as well as digital filtering simulation.

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