CEREST
Ingénierie Industrielle - Machines spéciales



Electrical compression module

Laboratory machine

● **Mechanical engineering** ● **Realizations** ○ **Cabling** ○ **Machines**

This machine is used to compress materials (specific to our customer) to determine **the effects of compression speed, applied force and residual force measurement on them via the measuring table.**

The front and rear doors allow the module to operate safely and in accordance with the material to be compressed during the test.

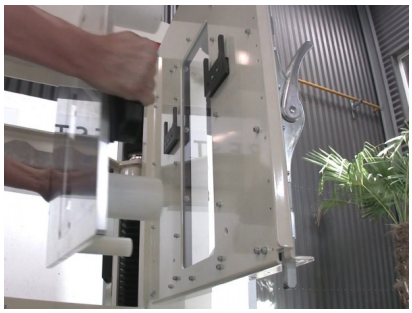
Depending on the format of the material to be compressed, the tool kits (2 walls, 1 press plate) are **quickly and easily interchangeable.**

The mechanical cylinders coupled to **two brushless motors** allow a very flexible and precise operation.

SPECIFICATIONS :

- **Compressive force from 0 to 100 kN**
- **Compression speed from 0 to 130 mm/s**
- **Compressible dimensions: width 0 to 610 mm, height 0 to 550 mm, depth 80 to 200 mm**
- **Residual load measurement of 200 kN with an accuracy of 20 N**







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