

# EQP-110

Semiautomatic  
Pellet Press



# EQP-110 Semiautomatic Pellet Press

***The new Equilab Pellet Press Series generation has been especially designed to easily prepare pellets that can offer representative results in XR or LIBS. The final product is a high quality pellet, with a flat and even surface, without cracks, and a high degree of cohesion and stability.***

***We have added to our classic EQP-100 model a full color 7" display screen that guides the user during the whole process of the preparation of the pellet. It is the only one in the market to offer up to 5 working programs of simple or double cycle. Robust and durable, the EQP-110 is made to resist long and demanding working days for years practically maintenance free.***

The preparation of pellets is a common technique to bind the samples and give them an appropriate shape to undertake the analysis with ease, and obtain repeatable analytical results.

The EQP-100 Pellet Press has been specifically designed to bind powder samples into pellets to be analyzed by RX techniques.

The user can configure the time and pressure parameters in each program, with the possibility of applying pressure twice in the same process –

double cycle pressing -. Here the "rest" time between pressing and pressing lets the pellet evacuate the occluded gas of the sample - this being, generally, the reason for unevenness or cracks -. Thanks to the double cycle pressing, the Equilab presses stand out as the optimum choice to undertake difficult samples.



## Applications:

glass, earths, cement, plaster, ceramics, minerals, silicate, geological and mineralogical samples





- Double cycle pressing system
- High quality pellets in no time
  - Full color touch screen
  - 5 working programs
  - Easy management
    - Compact unit
    - Great value





### Technical Specifications:

Method:	pressure
Applications:	cement industry, metallurgical industry, Thermal Stations, Environmental Laboratories, material recovery companies, recycling plants, Geology and Mineralogy, ceramics
Samples:	making pellets for XRF
Press tools:	not required. Only for 40 mm pellets
Maximum pressure:	40 t
Performance:	>60 pellets/h
Programs:	programmable, up to 5 editable programs
Display screen:	full color / touch screen / 7 inches
Double cycle pressing:	yes
Start button:	yes
Cam switch:	yes, with handle padlocking
Hydraulic control unit:	440 bar max
Speed control:	frequency converter 25/75 Hz
Power source:	220 VAC, 50 Hz (single phase)
Engine power:	550 W
Maximum power:	700W
Ingress Protection:	IP20
Safety / Norm:	CE; UKCA
Dimensions: 400 (height) x 510 (width) x 420 (depth) mm	
Weight: 75 kg	



# EQUILAB

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