



# Pellet Press

s e r i e s



**EQP-1****Manual Pellet Press**

**The *EPQ-1* Manual Pellet Press can exert a pressure of up to 15 tons. It is very easy and safe to use, and takes very little space in your laboratory.**

Its hydraulic system increases the pressure exerted by the user with the lever, and the analogue gauge will show the pressure at any given time.

- **High quality pellets in a very short time**
- **Easy to operate**
- **No electric power needed**
- **Analogue gauge**
- **Compact and autonomous unit**

Method: pressure

Applications: cement industry, metallurgy, recycling plants, geology and mineralogy, ceramics.

Maximum pressure: 15 tons.

Diameter of the pellets: Ø 32 / 40 mm (other sizes on demand).

Consumables: aluminium cups Ø 32 / 40 mm

Dimensions: 50 cm (high) x 22 cm (long) x 23 cm (wide)

Approximate weight: 20 kg

**EQP-30****Manual Pellet Press**

**The *EPQ-30* Manual Pellet Press can exert a pressure of up to 30 tons. It is a robust and durable unit, very easy to use.**

Its hydraulic system multiplies the strength applied by the user with the lever, and the analogue gauge will show the pressure exerted. This press includes a safety system that will automatically release any pressure over 30 tons.

- **High quality pellets in a very short time**
- **Easy to use**
- **No electric power needed**
- **Robust**
- **Analogue gauge**
- **Safety system to release excess pressure**

Method: pressure

Applications: cement industry, metallurgy, recycling plants, geology and mineralogy, ceramics.

Maximum pressure: 30 tons.

Diameter of the pellets: Ø 32 / 40 mm (other sizes on demand).

Consumables: aluminium cups Ø 32 / 40 mm

Dimensions: 41 cm (high) x 31.5 cm (long) x 20 cm (wide)

Approximate weight: 56 kg

## EQP-100

### Automatic Pellet Press

*The EQP-100 Press can exert a pressure of up to 40 tons. Of robust and durable design, it has got a simple working system and is really effective, offering up to five working programs in single or double cycle.*

Very easy to manage, its user friendly display has got a digital control for the time and the strength. The double cycle is intended mainly for the sample to release any gas trapped within during the first cycle, ensuring high quality pellets.

Method: pressure

Applications: cement industry, metallurgical industry, Environmental Laboratories, material recovery companies, recycling plants, Geology and Mineralogy, ceramics

Speed control: frequency converter 25/75 Hz

Sample diameter: 40 mm (other sizes under request)

Maximum pressure: 40 t / 50 t

Engine power: 750W

Power source: 220V

Consumables: aluminium cups 40 mm diam. / Binding Agent

Dimensions: 40 cm (height) x 51 cm (width) x 42 cm (depth)

Approximate weight: 75 kg



Semi-automatic presses

- High Quality pellets
- Easy management
- 5 working programs
- Double cycle pressing system
- User friendly English/Spanish display
- Great value

## EQP-200

### Automatic Ultrapress

*The EQP-200 Press is manufactured so that you can change the different pressing tools very easily and quickly. That way, we are able to prepare pellets of different diameters and shapes.*

An exceptional unit from all angles. Keeping all the capabilities of its predecessor (EQP-100), the EQP-200 offers also the possibility of preparing pellets of different sizes simply replacing the pressing tool. This system is also good for the cleaning and maintenance of the unit. Its versatility also allows us to work with different types of moulds such as square, rectangular, etc.

Method: pressure

Applications: cement industry, metallurgical industry, Thermal Stations, Environmental Laboratories, material recovery companies, recycling plants, Geology and Mineralogy, ceramics

Speed control: frequency converter 25/75 Hz

Sample diameter: 32 /40 mm (other sizes and shapes under request)

Tools: Pellet tools

Maximum pressure: 40 t/50 t

Engine power: 750W

Power source: 220V

Consumables: aluminium cups 32 /40 mm diam. / Binding Agent

Dimensions: 40 cm (height) x 51 cm (width) x 42 cm (depth)

Approximate weight: 75 kg.



Pressing tools of different diameters

- Pellets of different diameters and shapes
- High quality pellets in a short time
- 5 working programs
- Double cycle pressing system
- User friendly English/Spanish display
- Great value

# EQUILAB Pellet Presses



*The obtention of truly representative results in RX or LIBS depend highly on the previous step, the making of the pellet. The Equilab Pellet Presses have been especially designed to achieve pellets of an excellent finish, with a high degree of cohesion and stability, the surface flat, regular and without cracks.*



The Equilab Pellet Presses have been especially designed for the preparation of dust samples (pellets) to be analyzed afterwards by RX. The preparation of pellets is a common technique which will allow us to manipulate the samples easily and obtain repeatable analytical results.

The technique consists in compressing the particles of the dust sample (by themselves or with some binding agent) until getting a perfectly homogeneous pellet with a flat surface, mechanically robust and without cracks or dust.

## Pellet presses comparison table

Description	Manual	Semiautomatic	Pellet diameter mm	Maximum pressure	Function
Hydraulic Manual Pellet Press <b>EQP-1</b>	■	-	13 / 30 / 32 / 40	15 tons	backup
Hydraulic Manual Pellet Press <b>EQP-30</b>	■	-	13 / 30 / 32 / 40	30 tons	main unit
Semiautomatic Pellet Press <b>EQP-100</b>	-	■	40	40 tons	main unit
Semiautomatic Pellet Press <b>EQP-200</b>	-	■	13 / 30 / 32 / 40	40 tons	main unit

## Press tools

EQP-13P	Pressing tool Ø13mm	PD-40_32	Pressing tool for ring OD40mm / ID32mm
EQP-30	Pressing tool Ø30mm	PD-40_32-40	Steel ring OD40mm / ID32mm
EQP-32P	Pressing tool Ø32mm	PD-40_35	Pressing tool for ring OD40mm / ID35mm
EQP-40P	Pressing tool Ø40mm	PD-40_35-04	Steel ring OD40mm / ID35mm
		PD-51.5_35	Pressing tool for ring OD51,5mm / ID35mm
		PD-51,5_35-04	Steel ring OD51,5mm / ID35mm

## Consumables

EQP-WAX	Wax-C for XR pellets – 1 kg – (binding agent)
EQP-BORA	Boric acid - 5kg – (binding agent)
EQP-CAS	Aluminium cups Ø40mm x 12mm – 1000 ud
EQP-CAS-505	Aluminium cups Ø31mm x 8mm – 1000 ud

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