Proven Performance
Since 2000 years

Laboratory machines for the pharmaceutical Industry

RAONXENA

XENA SERIES

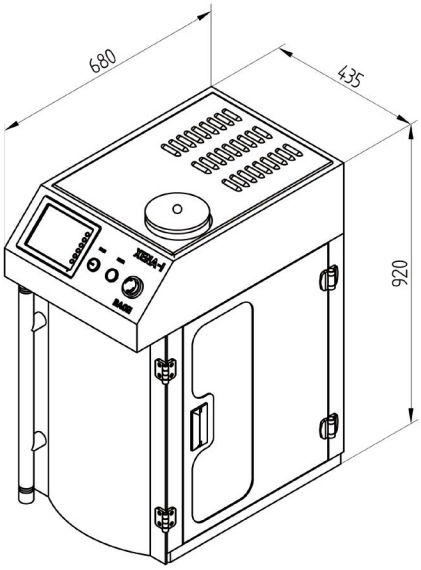
Innovation in research and experimental equipment

Equipment for Research and Development.

XENA-I

Single Tablet Press

- The **XENA-I** is driven by a 0.75 Kw electric motor and 25w electric motor mounted the machine. The **XENA-I** is furnished with a high efficiency worm gear drive which is totally enclosed and works in an oil bath.
- An automatic pressure release offers positive protection against the use of excessive machine pressure. The overload pressure release is adapted to the lower punch is operated through a preloaded compression spring located at the bottom of the lower punch holder.
- For the operator safety, the machine has four safety sensors.



TECHNICAL DATA

- Type : Single Tablet Press
- Max Pressure : 50KN(5Ton)
- Max Diameter : 23mm
- Max Filling Depth : 20mm
- Output : 2000 Tablets/Hour
- Size : 920(H) x 435(W) x 680(D) [mm]
- Power : 220V(1Ph), 50/60Hz, 1KVA
- Weight : 300Kg

MODEL
XENA-I PREMIUM

- Compression Force of the Upper Punch
- Compression Force of the Lower Punch

+

Equipment for Research and Development.

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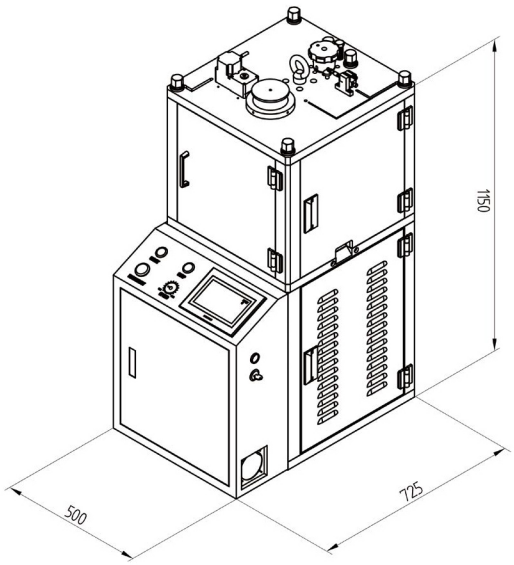
XENA-I ROTARY

Rotary Tablet Press

- Automatic control devices for filling of tableting depth.
- Measuring device for tableting & ejecting pressure of the tablets.
- Alarm and stop by interlocks as the door opened during operation.
- DAQ Program for data DP & storage.



TECHNICAL DATA

- Station : 6~10
- Type : EURO D , B , D&B
- Max Pressure : 50KN(5 Ton)
- Max Diameter : 25 mm
- Max Filling Depth : 18mm
- Feeder Speed : 0 ~ 50 RPM
- Output : 18000 Tablets/Hour
- Size : 1150(H) x 500(W) x 725(D) [mm]
- Power : 220V(3Ph) , 50/60Hz , 2KVA
- Weight : 400Kg

MODEL

XENA-I ROTARY ECONNOMIC

- Station : 6~8
- Max Pressure : 30KN(3Ton)
- Compaction & Filling : Manual Control
- Output : 14400 Tablets/Hour

Equipment for Research and Development.

XENA- I TRIPLE

Programmable Single Stroke Multi-Layer Tablet Press

The **XENA-I TRIPLE** provides tablet development formulators with a very versatile single punch tablet press. The **XENA-I TRIPLE** is capable of manufacturing single, 2 layer and even 3 layer tablets. Adjustable force and dwell time profiles can be created to aid the assessment of powder characteristics at their early stage of development. A key advantage is the ability to use standard Euro B/D punches and dies, although certain other punch types can also be accommodated. The measurement of punch displacement is a valuable option to measure the compressibility of the formulation.

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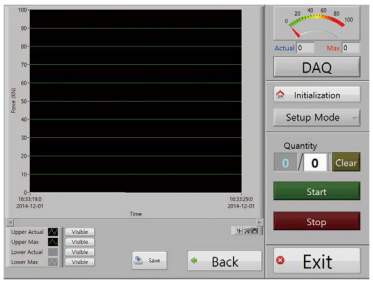
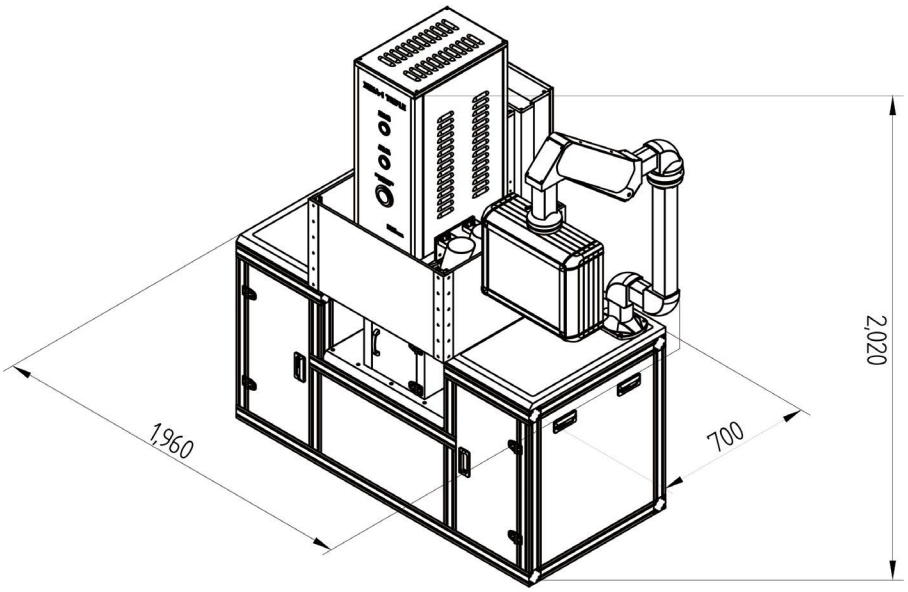


- With the **XENA-I TRIPLE** punches and dies can be easily exchanged without the need to remove feeders or hoppers a great benefit when using the same powder but with different size and/or shape of punches and dies.

- An optional data acquisition DAQ package provides a range of graphical displays, recording of data and the capability to export this data for further study.



TECHNICAL DATA

- Type : EURO D & B
- Max Pressure : 100KN (10 Ton)
- Max Diameter : 24 mm
- Max Filling Depth : 20mm
- Discharge Pressure : 15KN (1.5 Ton)
- Output : One Layers - 17 Tablets/min.
  Two Layers - 15 Tablets/min.
  Triple Layers - 5 Tablets/min.
- Size : 2020(H) x 1960(W) x 700(D) [mm]
- Power : 220V(1Ph) , 50/60Hz , 2KVA
- Weight : 300Kg

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Pharmaceutical equipment for research and development.



Distributor

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