



# SPECTROLAB



## Sample Preparation products XRF

### 40 and 60 Ton Electronically programmable Hydraulic Press

An advanced programmable Electronically Controlled Hydraulic Press designed for the production of X-ray Fluorescence compressed powder pellets. The design permits the production of uniform pellets of any standard diameter as made from steel rings, aluminium cups, plastic rings and low pressure polyethylene cups.

There are two type available providing a pressure of either 40 tons or 60 tons

The press is designed to allow both automatic slow compression and slow decompression programs for optimum repeatability and homogeneity. Auto slow compression is a program that ensures that air is consistently removed from the sample ensuring an optimised homogenous sample. The Auto slow de compression cycle ensures that the sample surface profile remains consistent and homogenous

#### Specifications

	Type XA-HP401	Type XA-HP601
Maximum pressure	40 Tons	60 Tons
Pressing tools	Steel ring, Aluminium cup, Plastic ring, Optional, Low pressure polythene cup	Same
Distance between column	220 mm	220mm
Maximum pressing distance	100mm	100mm
Pressing time	0-999 secs	0 – 999 secs
Power requirement Type A	AC 220V single phase	AC 220V single phase
Power requirement Type B	AC 380V 3 phase	AC 380V 3 phase
Load	1.3 KW	1.3 KW
Dimensions	600 X 500 X 1150 H	660 X 530 X 1180H
Weight	350 KG	420 KG
Ambient temperature	10- 40C	10 – 40C
Gross weight pac ked	400KG	470 KG



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