

Hydraulic Pellet Press Xrf Press Kbr Press Ftir Press 20T / 30T / 40T / 60T

Item Number: PCPE



Introduction

Efficiently prepare samples with the Electric Hydraulic Press. Compact and portable, it's perfect for labs and can work in a vacuum environment.

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Instrument model	PCPE-20T	PCPE-30T	PCPE-40T	PCPE-60T
Pressure range	0-20T(0-28MPa)	0-30T(0-31.5MPa)	0-40T(0-30MPa)	0-60T(0-33MPa)
Piston diameter	Φ95mm (d)	Φ110mm (d)	Φ130mm (d)	Φ150mm (d)
Integral structure	No sealing connection, oil leakage reduced	No sealing connection, oil leakage reduced	No sealing connection, oil leakage reduced	No sealing connection, oil leakage reduced
Pressure gauge	Digital display 0.00-40.00 MPa	Digital display 0.00-40.00 MPa	Digital display 0.00-40.00 MPa	Digital display 0.00-40.00 MPa
Maximum pressure (T)	30mm	40mm	50mm	50mm
Pressure stability	≤1MPa/10min	≤1MPa/10min	≤1MPa/10min	≤1MPa/10min
Pressurization mode	Electric / manual	Electric / manual	Electric / manual	Electric / manual
Compensation mode	Auto/ manual	Auto/ manual	Auto/ manual	Auto/ manual
Workbench diameter	Φ105mm (D)	Φ120mm (D)	Φ140mm(D)	Φ160mm (D)
Number of columns	Four	Four	Four	Four
Working space	80×150mm(M×N)	92×160mm(M×N)	115×185mm(M×N)	185×250mm(M×N)
Dimensions	245×415×415mm(L×W×H)	275×430×420mm(L×W×H)	295×450×500mm(L×W×H)	405×470×565mm(L×W×H)
Power supply	220V(50Hz/60Hz)	220V(50Hz/60Hz)	220V(50Hz/60Hz)	220V(50Hz/60Hz)
Weight	58Kg	72Kg	92Kg	140Kg

Force	Pressure
1 [Tons]	1.41 [MPa]
2 [Tons]	2.82 [MPa]
3 [Tons]	4.23 [MPa]
5 [Tons]	7.06 [MPa]
8 [Tons]	11.3 [MPa]
10 [Tons]	14.1 [MPa]
12 [Tons]	17 [MPa]
15 [Tons]	22.6 [MPa]

20 [Tons]

28 [MPa]

Note: The system pressure intensity shouldn't exceed 35 MPa, or else it will shorten the service life of the equipment.