

# Automatic Lab Cold Isostatic Pressing Cip Machine

Item Number: PCIA



## Introduction

High-efficiency Automatic Cold Isostatic Press (CIP) for precise lab sample preparation. Uniform compaction, customizable models. Contact KINTEK experts today!

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| Apparatus Model                               | PCIA-20T                                                              | PCIA-40T                                                         | PCIA-60T                                                         | PCIA-100T                                                             |
|-----------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------|
| Piston Diameter                               | 110 mm (d) in chrome-plated oil cylinder                              | 130 mm (d) in chrome-plated oil cylinder                         | 150 mm (d) in chrome-plated oil cylinder                         | 200 mm (d) in chrome-plated oil cylinder                              |
| Machining Process Pressurization              | Program Pressurization - Program Maintenance - Timed Pressure Release | Program Pressurization - Program Maintenance - Timed Release     | Program Pressurization - Program Maintenance - Timed Release     | Program Pressurization - Program Maintenance - Timed Pressure Release |
| Pressure Conversion                           | The program automatically converts the sample withstand pressure      | The program automatically converts the sample withstand pressure | The program automatically converts the Sample Withstand Pressure | The program automatically converts the sample withstand pressure.     |
| Display                                       | 4.3-inch LCD display                                                  | 4.3-inch LCD display                                             | 4.3-inch LCD display                                             | 7-inch LCD display                                                    |
| Equipment Protection                          | Steel plate protection with organic glass door                        | Steel plate protection with organic glass door                   | Steel plate protection with glass door organic                   | Sheet steel protection with organic glass door                        |
| Isostatic pressure                            | 300-500MPA                                                            | 300-500MPA                                                       | 300-500MPA                                                       | 300-500MPA                                                            |
| Pressure chamber Isostatics                   | Φ30×150mm(M×N)                                                        | Φ40×150mm(M×N)                                                   | Φ50×150mm/30×150mm                                               | Φ60×150(M×N)                                                          |
| Cylinder stroke (T)                           | 50mm                                                                  | 50mm                                                             | 50mm                                                             | 50mm                                                                  |
| Characteristics of the manufacture of Samples | Top panel rocker structure for more comfortable operation             | Top panel rocker structure for more comfortable operation        | Top panel rocker structure for more comfortable operation        | Top panel rocker structure for more comfortable operation             |
| Dimensions exterior                           | 240×390×560(LENGTH×WIDTH×HEIGHT)                                      | 280×460×660(L×W×H)                                               | /                                                                | 330×580×720(L×W×H)                                                    |
| Equipment power supply                        | 550W(220V/110 can be customized)                                      | 550W(220V/110 can be customized)                                 | 550W(220V/110 can be customize)                                  | 550W(220V/110 can be customized)                                      |
| Weight of the equipment                       | 120KG                                                                 | 180KG                                                            | 240KG                                                            | 290KG                                                                 |