Yamato Scientific America

Innovating Science for over 130 Years

Yamato PCR Workstations

Contents

PCR Workstations

PCR Workstation (UV) & PCR Workstation (UV + HEPA Filter)

PCR204/214/204H/214H

MADE IN THE USA

Designed to improve PCR accuracy and reduce airborne contamination

PCR Workstation (UV)

PCR204
115-120V 60Hz 12 amps

PCR214
220-240V 50Hz 6 amps

PCR Workstation (UV + HEPA Filter)

PCR204H
115-120V 60Hz 12 amps

PCR214H
220-240V 50Hz 6 amps

Includes factory installed HEPA filter system, rated at 99.9997% efficiency at 0.3μ (microns).

This is a positive pressure research chamber. The fan (blower) noise level is rated at less than 40 dBA.

Features

- "Bright Light" illumination system (40,000 hour lamp guarantee)
- U.V. germicidal system rated at 254 nm decontaminates all exposed surfaces in the interior
- Automatic timer to activate U.V. sterilization procedures
- Front panel is .500" thick (13 mm) for Beta Ray protection. **NOTE**: Not Gamma Rays
- Side and back walls are one piece formed optically clear acrylic .375" thick (9.5 mm)
- Two bright white plastic (adjustable) shelves. One is tooled to store pipettors
- Bottom tray has a formed in place "spill guard" for easy cleaning
- Removable side access doors with slip apart hinges
- Proximity sensors on doors for operator safety
- Main housing and top are removable for installation of large pieces of equipment

Specifications

Model	PCR204/214	PCR204H/214H
HEPA filter	---	"Mini HEPA" filter size 4" x 9.5" x 1" thick (101 x 240 x 25.4 mm thick) No tools required for HEPA filter change over
Inside dimension (WxDxH)	23.5" x 17" x 21" / 597 x 432 x 530 mm	23.5" x 17" x 21" / 597 x 432 x 530 mm
Outside dimension (WxDxH)	24" x 18" x 28" / 610 x 457 x 711 mm	26" x 23" x 28" / 610 x 457 x 711 mm
Approximate shipping weight	110 lbs. / 50 kilos	112 lbs. / 51 kilos

⚠ Attention

- Never use in flammable or explosive gas atmosphere
- Never use explosive or flammable material
- Caution: High temperature components