The major equipment list are split into “Manufacturing” and “Quality Control” as shown in the table below for PC-60AD model.

**Manufacturing Major Equipment List**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/N** | **Manufacture/**  **Inspection** | **Name** | **Purpose** | **ID No** | **Number** |
| 1 | Manufacture | Medium Capacity Rotary Evaporator | MMA (HQ) Distillation  EDMA (HQ) Distillation | 05-800105-07  05-800030-05  (Transfer to HSOT) | 2 |
| 2 | Manufacture | Rotavapor Distillation Unit | 05-800151-12 | 1 |
| 3 | Manufacture | Big size Balancer | PMMA Material Mixing | 05-800224-19 | 1 |
| 4 | Manufacture | PMMA Filling Machine | PMMA Material Filling | 05.800007-05 | 1 |
| 5 | Manufacture | Water Bath | Water Bath Polymerization | 05-800001-05  05-800002-05  05-800003-06  (Transfer to HSOT) | 3 |
| 6 | Manufacture | Air oven | PMMA Rod Curing | 05-800035-05  (Transfer to HSOT) | 1 |
| 7 | Manufacture | Air oven | PMMA Rod Annealing | 05-800036-05 | 1 |
| 8 | Manufacture | CNC Lathe Machine | CNC Lathe Cutting | 05-800042-05  05-800043-05  05-800044-06  (Transfer to HSOT)  05-800219-18 | 3 |
| 9 | Manufacture | 3WP Boring Machine | 3WP Lathe Cutting | 05-80045-05  (Transfer to HSOT)  05-800046-05  05-800047-06  05-800048-06  (Transfer to HSOT)  05-800049-06  05-800217-18  05-800218-18 | 5 |
| 10 | Manufacture | Drying Oven | Cleaning & Drying | 05-800027-05  05-800051-05  05-800209-17 | 3 |
| 11 | Manufacture | Ultrasonic Cleaner | 05-800196-15 | 1 |
| 12 | Manufacture | Precision Balance  Semi-Microbalance | Soft Acrylic Material Mixing | 05-800175-15  05-800213-17  05-800211-17  05-800212-17 | 2  2 |
| 13 | Manufacture | Pressurized Oven | Soft Acrylic Material Polymerization | 05-800080-06  (Transfer to HSOT)  05-800081-05  05-800082-05  05-800083-05  05-800084-06  (Transfer to HSOT)  05-800085-05  05-800086-05  05-800087-05 | 8 |
| 14 | Manufacture | Button Removing Machine | Button Removing | 05-800094-05  05-800095-05  05-800096-05 | 3 |
| 15 | Manufacture | Pressurized Oven | Button Annealing | 05-800090-05  (Transfer to HSOT)  05-800091-05  05-800092-05  05-800093-06 | 4 |
| 16 | Manufacture | Wax Removing Machine | Wax Removing | 02-900110-06 | 1 |
| 17 | Manufacture | Lens Removing Machine | Lens Removing | 02-900035-04 | 1 |
| 18 | Manufacture | Polishing Machine | Polishing | 02-900045-04  02-900046-04  02-900047-04  02-900048-04  02-900049-04  02-900050-04  02-900051-04  02-900052-04  02-900065-05  02-900066-05  02-900067-05  02-900068-05  02-900126-06  02-900127-06  02-900130-06  02-900131-06  02-900225-08  02-900226-08  02-900227-08  02-900228-08  02-900229-08  02-900230-08  02-900231-08  02-900232-08 | 24 |
| 19 | Manufacture | Ultrasonic cleaner (IOL) | Final Washing | 02-900036-04 | 1 |
| 20 | Manufacture | Heat sealer | Pouch packing |  |  |
| 21 | Manufacture | Sterilizer | Sterilization | 03-900001-04  03-900009-06  03-900019-15 | 3 |
| 22 | Manufacture | Aerator | Aeration | 03-900011-04  03-900013-07  03-900017-12 | 3 |
| 23 | Manufacture | Universal Packer | Packing | 02-900039-04  02-900072-05 | 2 |

Remark: it is not required to perform calibration for item#4,8, 9, 11,14,16,17,19 & 23

It is only performed Annual re-verification for item#20

**Quality Control Major Equipment List**

The following table below shows the major equipment used in the laboratory.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Manufacture/**  **Inspection** | **Name** | **Purpose** | **ID No** | **Number** |
| 1 | Inspection | HPLC system (High Performance Liquid Chromatograph) | For Incoming Inspection | 01-800013-05 | 1 |
| 2 | Inspection | FTIR (Fourier Transform Infrared Spectroscopy) | For Incoming Inspection | 01-800014-05 | 1 |
| 3 | Inspection | Gas chromatograph | For Incoming Inspection | 01-800012-05 | 1 |
| 4 | Inspection | UV/VIS Spectrophotometer | In-Process Inspection | 01-800011-05 | 1 |
| 5 | Inspection | Auto Durometer | In-Process Inspection | 01-800018-05 | 1 |
| 6 | Inspection | Incubator | In-Process Inspection |  |  |
| 7 | Inspection | Digital Hardness Testing Machine | In-Process Inspection |  |  |
| 8 | Inspection | Gas chromatograph system (with Headspace) | For Product release test | 01-900026-04 | 1 |
| 9 | Inspection | Particle counter | For environmental test | 01-900027-04  08-900015-16 | 2 |
| 10 | Inspection | Air Tester | For environmental test | 08-900046-18  08-900047-18 | 2 |
| 11 | Inspection | Milliflex PLUS pump | For environmental test |  |  |

Remark: it is not required to perform calibration for item#6,7 & 11

New Replacement model was qualified for item#10 on 16Dec19.

**Quality Manager: (Signature)**

**Signed Date :**