## DW-12N Freeze Dryer

## Characteristics:

- Accord with international standards of Green environmental friendly;
- 7" True-color Touch Screen, English Bilingual Interface, display drying curve and history curve;
- U disk Can storage lyophilized data;
- Upload software can print curve;
- Embedded circuit design, 128 M FLASH, can save dozen times Lyophilized data;

Large opening trap, no coil inside, with samples pre-freeze function;

- Imported refrigeration compressor, low noise;

- Cold trap and control panel were made by stainless steel, corrosion-resistant, easy to clean;
- Transparent Bell type drying room, secure and ocular;
- Stainless steel sample holder, common sample plate spacing adjustable;
- Small size and easy to operate
- Nitrogen inflation valve within



## Parameters

| Scientz-12N | Ordinary | Top-Press | Ordinary Multi-Manifolds | Top-Press Multi-Manifolds |
| :---: | :---: | :---: | :---: | :---: |
| No-load Temperature | $<-56{ }^{\circ} \mathrm{C}$ | $<-56{ }^{\circ} \mathrm{C}$ | $<-56{ }^{\circ} \mathrm{C}$ | $<-56{ }^{\circ} \mathrm{C}$ |
| Freeze Area | 0.12 m 2 | 0.08 m 2 | 0.12 m 2 | 0.08 m 2 |
| Plate Load Capacity | 1.5L | 1L | 1.5L | 1L |
| Ability to Capture Water | 4 Kg | 4Kg | 4Kg | 4Kg |
| Vacuum Degree | $<10 \mathrm{~Pa}$ | $<10 \mathrm{~Pa}$ | $<10 \mathrm{~Pa}$ | $<10 \mathrm{~Pa}$ |
| Machine Dimension | $\mathrm{W} 600 \times \mathrm{D} 460 \times \mathrm{H}(720+450) \mathrm{mm}$ | $\mathrm{W} 600 \times \mathrm{D} 460 \times \mathrm{H}(720+450) \mathrm{mm}$ | W $600 \times \mathrm{D} 460 \times \mathrm{H}(720+450) \mathrm{mm}$ | W600×D460×H(720+450) mm |
| Sample Tray Size | $4 \times \Phi 200 \mathrm{~mm}$ | Ø $3 \times 180 \mathrm{~mm}$ | $4 \times \Phi 200 \mathrm{~mm}$ | $\varnothing 3 \times 180 \mathrm{~mm}$ |
| Power | 950W | 950W | 950W | 950W |
| Power Supply | $110 \mathrm{~V} / 60 \mathrm{~Hz}$ or $220 \mathrm{~V} / 50 \mathrm{~Hz}$ | $110 \mathrm{~V} / 60 \mathrm{~Hz}$ or $220 \mathrm{~V} / 50 \mathrm{~Hz}$ | $110 \mathrm{~V} / 60 \mathrm{~Hz}$ or $220 \mathrm{~V} / 50 \mathrm{~Hz}$ | $110 \mathrm{~V} / 60 \mathrm{~Hz}$ or $220 \mathrm{~V} / 50 \mathrm{~Hz}$ |
| interlayer spacing | 70 mm | 70 mm | 70 mm | 70 mm |
| Cold trap size | $\emptyset 215 \times 216 \mathrm{~mm}$ | $\emptyset 215 \times 216 \mathrm{~mm}$ | $\emptyset 215 \times 216 \mathrm{~mm}$ | $\emptyset 215 \times 216 \mathrm{~mm}$ |
| The number of Schering bottles | Ø22: 260 | Ø22: 165 | Ø22: 260 | Ø22: 165 |
|  | Ø16: 480 | Ø16: 285 | Ø16: 480 | Ø16: 285 |
|  | Ø12: 920 | Ø12: 560 | Ø12: 920 | Ø12: 560 |
| N.W./ G.W | $110 \mathrm{KG} / 125 \mathrm{KG}$ | $115 \mathrm{KG} / 130 \mathrm{KG}$ | $120 \mathrm{KG} / 135 \mathrm{KG}$ | 125KG/140KG |
| Picture |  |  |  |  |

