






















M ODEL	DESCRIPTION	PICTURE	PACKING SIZE /G.W
LABORATORY FREEZER DRYER			
HY-FD10S	Type: Standard Chamber Cold Trap Temperature: -60°C Cold Trap Size (φxh mm) : φ215x195 Vacuum Degree (Pa): < 0.6 Freeze Drying Area (m ²): 0.12-0.18 Water Capture Capacity : 3kg/24h Material loading capacity (ml): 1200-1800 Shelf Size (φxh mm): 200x20 Qty of Shelf: 4/6 (Option) pcs Flask: /		Main Machine: 670 x 700 x 560 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 N.W/G.W : 46KG /110KG
HY-FD10T	Type: Stoppering Chamber Cold Trap Temperature: -60°C Cold Trap Size (φxh mm) : φ215x195 Vacuum Degree (Pa): < 0.6 Freeze Drying Area (m ²): 0.09 Water Capture Capacity : 3kg/24h Material loading capacity (ml): 900 Shelf Size (φxh mm): 200x20 Qty of Shelf: 3 pcs Flask:/		Main Machine: 670 x 700 x 560 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 N.W/G.W : 46KG /110KG
HY-FD10P	Type: Standard Chamber with 8 Port Manifold Cold Trap Temperature: -60°C Cold Trap Size (φxh mm): φ215x195 Vacuum Degree (Pa): <0.6 Freeze Drying Area (m ²): 0.12-0.18 Water Capture Capacity : 3kg/24h Material loading capacity (ml): 1200-1800 Shelf Size (φxh mm): 200x20 Qty of Shelf: 4/6 (Option) pcs Flask:8		Main Machine: 670 x 700 x 560 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 N.W/G.W : 46KG /110KG
HY-FD10PT	Type: Stoppering Chamber with 8 Port Manifold Cold Trap Temperature: -60°C Cold Trap Size (φxh mm): φ215x195 Vacuum Degree (Pa): <0.6 Freeze Drying Area (m ²): 0.09 Water Capture Capacity : 3kg/24h Material loading capacity (ml): 900 Shelf Size (φxh mm): 200x20 Qty of Shelf: 3 pcs Flask:8		Main Machine: 670 x 700 x 560 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 N.W/G.W : 46KG /110KG






MODEL	DESCRIPTION	PICTURE	PACKING SIZE /G.W
LABORATORY FREEZER DRYER			
HY-FD10S-U	Type: Standard Chamber Cold Trap Temperature: -60°C Cold Trap Size (φxh mm) : φ215x195 Vacuum Degree (Pa): < 0.6 Freeze Drying Area (m ²): 0.12-0.18 Water Capture Capacity : 3kg/24h Material loading capacity (ml): 1200-1800 Shelf Size (φxh mm): 200x20 Qty of Shelf: 4/6 (Option) pcs Flask: /		Main Machine: 670 x 700 x 560 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 N.W/G.W : 46KG /110KG
HY-FD10T-U	Type: Stoppering Chamber Cold Trap Temperature: -60°C Cold Trap Size (φxh mm) : φ215x195 Vacuum Degree (Pa): < 0.6 Freeze Drying Area (m ²): 0.09 Water Capture Capacity : 3kg/24h Material loading capacity (ml): 900 Shelf Size (φxh mm): 200x20 Qty of Shelf: 3 pcs Flask:/		Main Machine: 670 x 700 x 560 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 N.W/G.W : 46KG /110KG
HY-FD10P-U	Type: Standard Chamber with 8 Port Manifold Cold Trap Temperature: -60°C Cold Trap Size (φxh mm): φ215x195 Vacuum Degree (Pa): <0.6 Freeze Drying Area (m ²): 0.12-0.18 Water Capture Capacity : 3kg/24h Material loading capacity (ml): 1200-1800 Shelf Size (φxh mm): 200x20 Qty of Shelf: 4/6 (Option) pcs Flask:8		Main Machine: 670 x 700 x 560 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 N.W/G.W : 46KG /110KG
HY-FD10PT-U	Type: Stoppering Chamber with 8 Port Manifold Cold Trap Temperature: -60°C Cold Trap Size (φxh mm): φ215x195 Vacuum Degree (Pa): <0.6 Freeze Drying Area (m ²): 0.09 Water Capture Capacity : 3kg/24h Material loading capacity (ml): 900 Shelf Size (φxh mm): 200x20 Qty of Shelf: 3 pcs Flask:8		Main Machine: 670 x 700 x 560 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 N.W/G.W : 46KG /110KG






M ODEL	DESCRIPTION	PICTURE	PACKING SIZE /G.W
LABORATORY FREEZER DRYER			
HY-FD12S	Type: Standard Chamber Cold Trap Temperature- 60 °C /- 80 °C Cold Trap Size (φxh mm) : φ215x260 Vacuum Degree (Pa): < 0.6 Freeze Drying Area (m ²): 0.12-0.18 Water Capture Capacity : 4kg/24h Material loading capacity (ml): 1200-1800 Shelf Size (φxh mm): 200x20 Qty of Shelf: 4/6 (Option) pcs Flask: /		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG
HY-FD12T	Type: Stoppering Chamber Cold Trap Temperature- 60 °C /- 80 °C Cold Trap Size (φxh mm) : φ215x260 Vacuum Degree (Pa): < 0.6 Freeze Drying Area (m ²): 0.09 Water Capture Capacity : 4kg/24h Material loading capacity (ml): 900 Shelf Size (φxh mm): 200x20 Qty of Shelf: 3 pcs Flask: /		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG
HY-FD12P	Type: Standard Chamber with 8 Port Manifold Cold Trap Temperature- 60°C /- 80°C Cold Trap Size (φxh mm) : φ215x260 Vacuum Degree (Pa): <0.6 Freeze Drying Area (m ²): 0.12-0.18 Water Capture Capacity : 4kg/24h Material loading capacity (ml): 1200-1800 Shelf Size (φxh mm): 200x20 Qty of Shelf: 4/6 (Option) pcs Flask: 8		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG
HY-FD12PT	Type: Stoppering Chamber with 8 Port Manifold Cold Trap Temperature- 60°C /- 80°C Cold Trap Size (φxh mm) : φ215x260 Vacuum Degree (Pa): <0.6 Freeze Drying Area (m ²): 0.09 Water Capture Capacity : 4kg/24h Material loading capacity (ml): 900 Shelf Size (φxh mm): 200x20 Qty of Shelf: 3 pcs Flask: 8		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG

M ODEL	DESCRIPTION	PICTURE	PACKING SIZE /G.W
LABORATORY FREEZER DRYER			
HY-FD12S-U	Type: Standard Chamber Cold Trap Temperature- 60 °C /- 80 °C Cold Trap Size (φxh mm) : φ215x260 Vacuum Degree (Pa): < 0.6 Freeze Drying Area (m ²): 0.12-0.18 Water Capture Capacity : 4kg/24h Material loading capacity (ml): 1200-1800 Shelf Size (φxh mm): 200x20 Qty of Shelf: 4/6 (Option) pcs Flask: /		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG
HY-FD12T-U	Type: Stoppering Chamber Cold Trap Temperature- 60 °C /- 80 °C Cold Trap Size (φxh mm) : φ215x260 Vacuum Degree (Pa): < 0.6 Freeze Drying Area (m ²): 0.09 Water Capture Capacity : 4kg/24h Material loading capacity (ml): 900 Shelf Size (φxh mm): 200x20 Qty of Shelf: 3 pcs Flask: /		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG
HY-FD12P-U	Type: Standard Chamber with 8 Port Manifold Cold Trap Temperature- 60°C /- 80°C Cold Trap Size (φxh mm): φ215x260 Vacuum Degree (Pa): <0.6 Freeze Drying Area (m ²): 0.12-0.18 Water Capture Capacity : 4kg/24h Material loading capacity (ml): 1200-1800 Shelf Size (φxh mm): 200x20 Qty of Shelf: 4/6 (Option) pcs Flask: 8		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG
HY-FD12PT-U	Type:Stoppering Chamber with 8 Port Manifold Cold Trap Temperature- 60°C /- 80°C Cold Trap Size (φxh mm): φ215x260 Vacuum Degree (Pa): <0.6 Freeze Drying Area (m ²): 0.09 Water Capture Capacity : 4kg/24h Material loading capacity (ml): 900 Shelf Size (φxh mm): 200x20 Qty of Shelf: 3 pcs Flask:8		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG

M ODEL	DESCRIPTION	PICTURE	PACKING SIZE /G.W
LABORATORY FREEZER DRYER			
HY-FD18S	Type: Standard Chamber Cold Trap Temperature- 60 °C /- 80 °C Cold Trap Size (φxh mm) : φ270x420 Vacuum Degree (Pa): < 0.6 Freeze Drying Area (m ²): 0.18-0.27 Water Capture Capacity : 6kg/24h Material loading capacity (ml): 1200-1800 Shelf Size (φxh mm): 200x20 Qty of Shelf: 4/6 (Option) pcs Flask: /		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG
HY-FD18T	Type: Stoppering Chamber Cold Trap Temperature- 60 °C /- 80 °C Cold Trap Size (φxh mm) : φ270x420 Vacuum Degree (Pa): < 0.6 Freeze Drying Area (m ²): 0.135 Water Capture Capacity : 6kg/24h Material loading capacity (ml): 900 Shelf Size (φxh mm): 200x20 Qty of Shelf: 3 pcs Flask: /		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG
HY-FD18P	Type: Standard Chamber with 8 Port Manifold Cold Trap Temperature- 60°C /- 80°C Cold Trap Size (φxh mm): φ270x420 Vacuum Degree (Pa): <0.6 Freeze Drying Area (m ²): 0.18-0.27 Water Capture Capacity : 6kg/24h Material loading capacity (ml): 1200-1800 Shelf Size (φxh mm): 200x20 Qty of Shelf: 4/6 (Option) pcs Flask: 8		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG
HY-FD18PT	Type:Stoppering Chamber with 8 Port Manifold Cold Trap Temperature- 60°C /- 80°C Cold Trap Size (φxh mm): φ270x420 Vacuum Degree (Pa): <0.6 Freeze Drying Area (m ²): 0.135 Water Capture Capacity : 6kg/24h Material loading capacity (ml): 900 Shelf Size (φxh mm): 200x20 Qty of Shelf: 3 pcs Flask:8		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG

MODEL	DESCRIPTION	PICTURE	PACKING SIZE /G.W
LABORATORY FREEZER DRYER			
HY-FD18S-U	Type: Standard Chamber Cold Trap Temperature- 60 °C /- 80 °C Cold Trap Size (φxh mm) : φ270x420 Vacuum Degree (Pa): < 0.6 Freeze Drying Area (m ²): 0.18-0.27 Water Capture Capacity : 6kg/24h Material loading capacity (ml): 1200-1800 Shelf Size (φxh mm): 200x20 Qty of Shelf: 4/6 (Option) pcs Flask: /		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG
HY-FD18T-U	Type: Stoppering Chamber Cold Trap Temperature- 60 °C /- 80 °C Cold Trap Size (φxh mm) : φ270x420 Vacuum Degree (Pa): < 0.6 Freeze Drying Area (m ²): 0.135 Water Capture Capacity : 6kg/24h Material loading capacity (ml): 900 Shelf Size (φxh mm): 200x20 Qty of Shelf: 3 pcs Flask: /		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG
HY-FD18P-U	Type: Standard Chamber with 8 Port Manifold Cold Trap Temperature- 60°C /- 80°C Cold Trap Size (φxh mm): φ270x420 Vacuum Degree (Pa): <0.6 Freeze Drying Area (m ²): 0.18-0.27 Water Capture Capacity : 6kg/24h Material loading capacity (ml): 1200-1800 Shelf Size (φxh mm): 200x20 Qty of Shelf: 4/6 (Option) pcs Flask: 8		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG
HY-FD18PT-U	Type: Stoppering Chamber with 8 Port Manifold Cold Trap Temperature- 60°C /- 80°C Cold Trap Size (φxh mm): φ270x420 Vacuum Degree (Pa): <0.6 Freeze Drying Area (m ²): 0.135 Water Capture Capacity : 6kg/24h Material loading capacity (ml): 900 Shelf Size (φxh mm): 200x20 Qty of Shelf: 3 pcs Flask: 8		Main Machine: 730 x 600 x 1180 Cover: 410 x 410 x 640 Vacuum Pump: 220 x 580 x 370 (-60°C) N.W/G.W:70KG /135KG (-80°C) N.W/G.W::83KG /155KG

MODEL	DESCRIPTION	PICTURE	PACKING SIZE /G.W
PILOT SERIES FREEZE DRYER			
HY-20S	Type: Standard Chamber Final condenser temp: - 80°C Vacuum Degree (Pa): ≤10 Freeze Drying Area (m ²): 0.24 Water Capture Capacity : 6.5kg/24h Material loading capacity (ml): 4500 Shelf Size (w x d x h mm):300 x 400 x 20 Qty of Shelf: 2+1 pcs Power: 380V/50Hz,3.5KW,14A		Main Machine W x D x H: 1490 x 1140 x 1660 mm Vacuum Pump: 850 x 330 x 450 mm Main Machine N.W/G.W: 380 KG/550KG
HY-20T	Type: T Press Final condenser temp: - 80°C Vacuum Degree (Pa): ≤10 Freeze Drying Area (m ²): 0.24 Water Capture Capacity : 6.5kg/24h Material loading capacity (ml): 4500 Shelf Size (w x d x h mm):300 x 400 x 20 Qty of Shelf: 2+1 pcs Power: 380V/50Hz,4.5KW,17A		Main Machine W x D x H: 1490 x 1140 x 1960 mm Vacuum Pump: 850 x 330 x 450 mm Main Machine N.W/G.W: 425 KG/600KG
HY-30S	Type: Standard Chamber Final condenser temp: - 80°C Vacuum Degree (Pa): ≤10 Freeze Drying Area (m ²): 0.3 Water Capture Capacity : 6.5kg/24h Material loading capacity (ml): 7000 Shelf Size (w x d x h mm):300 x 400 x 20 Qty of Shelf: 3+1 pcs Power: 380V/50Hz,3.5KW,14A		Main Machine W x D x H: 1490 x 1140 x 1660 mm Vacuum Pump: 850 x 330 x 450 mm Main Machine N.W/G.W: 400 KG/580KG
HY-30T	Type: T Press Final condenser temp: - 80°C Vacuum Degree (Pa): ≤10 Freeze Drying Area (m ²): 0.3 Water Capture Capacity : 6.5kg/24h Material loading capacity (ml): 7000 Shelf Size (w x d x h mm):300 x 400 x 20 Qty of Shelf: 3+1 pcs Power: 380V/50Hz,4.5KW,17A		Main Machine W x D x H: 1490 x 1140 x 1960 mm Vacuum Pump: 850 x 330 x 450 mm Main Machine N.W/G.W: 445 KG/630KG
HY-50S	Type: Standard Chamber Final condenser temp:- 80°C Vacuum Degree (Pa): ≤10 Freeze Drying Area (m ²): 0.5 Water Capture Capacity : 10kg/24h Material loading capacity (L): 10 Shelf Size (w x d x h mm):300 x 450 x 20 Qty of Shelf: 4+1 pcs Power: 380V/50Hz,6.5KW,28A		Main Machine W x D x H: 1660 x 1260 x 1710 mm Vacuum Pump: 850 x 330 x 450 mm Main Machine N.W/G.W: 520KG/690KG

MODEL	DESCRIPTION	PICTURE	PACKING SIZE /G.W
PILOT SERIES FREEZE DRYER			
HY-50T	Type: T Press Final condenser temp - 80°C Vacuum Degree (Pa): ≤10 Freeze Drying Area (m ²): 0.5 Water Capture Capacity : 10kg/24h Material loading capacity (L): 10 Shelf Size (w x d x h mm):300 x 450 x 20 Qty of Shelf: 4+1 pcs Power: 380V/50Hz,7.5KW,31A		Main Machine W x D x H: 1660 x 1260 x 2060 mm Vacuum Pump: 850 x 330 x 450 mm Main Machine N.W/G.W: 565KG/740KG
HY-100S	Type: Standard Chamber Final condenser temp: - 80°C Vacuum Degree (Pa)≤10 Freeze Drying Area () Water Capture Capacity : 13kg/24h Material loading capacity (L): 20 Shelf Size (w x d x h mm):550 x 480 x 20 Qty of Shelf: 4+1 pcs Power: 380V/50Hz,9.5KW,45A		Main Machine W x D x H: 1960 x 1340 x 1860 mm Vacuum Pump: 1010 x 340 x 510 mm Main Machine N.W/G.W: 655KG/900KG
HY-100T	Type: T Press Final condenser temp: - 80°C Vacuum Degree (Pa): ≤10 Freeze Drying Area (m ²): 1 Water Capture Capacity : 13kg/24h Material loading capacity (L): 20 Shelf Size (w x d x h mm):550 x 480 x 20 Qty of Shelf: 4+1 pcs Power: 380V/50Hz,10.5KW,48A		Main Machine W x D x H: 1960 x 1340 x 2210 mm Vacuum Pump: 1010 x 340 x 510 mm Main Machine N.W/G.W: 700KG/950KG
HY-200S	Type: Standard Chamber Final condenser temp: - 80°C Vacuum Degree (Pa): ≤10 Freeze Drying Area (m ²): 2 Water Capture Capacity : 30kg/24h Material loading capacity (L): 30 Shelf Size (w x d x h mm):500 x 700 x 20 Qty of Shelf: 6+1 pcs Power: 380V/50Hz,15KW,54A		Main Machine W x D x H: 1600 x 1550 x 2400 mm Main Machine N.W/G.W: 2000KG/ KG
HY-200T	Type: T Press Final condenser temp: - 80°C Vacuum Degree (Pa): ≤10 Freeze Drying Area (m ²): 2 Water Capture Capacity : 30kg/24h Material loading capacity (L): 30 Shelf Size (w x d x h mm):500 x 700 x 20 Qty of Shelf: 6+1 pcs Power: 380V/50Hz,16KW,68A		Main Machine W x D x H: 1600 x 2050 x 2400 mm Main Machine N.W/G.W: 2050KG/ KG