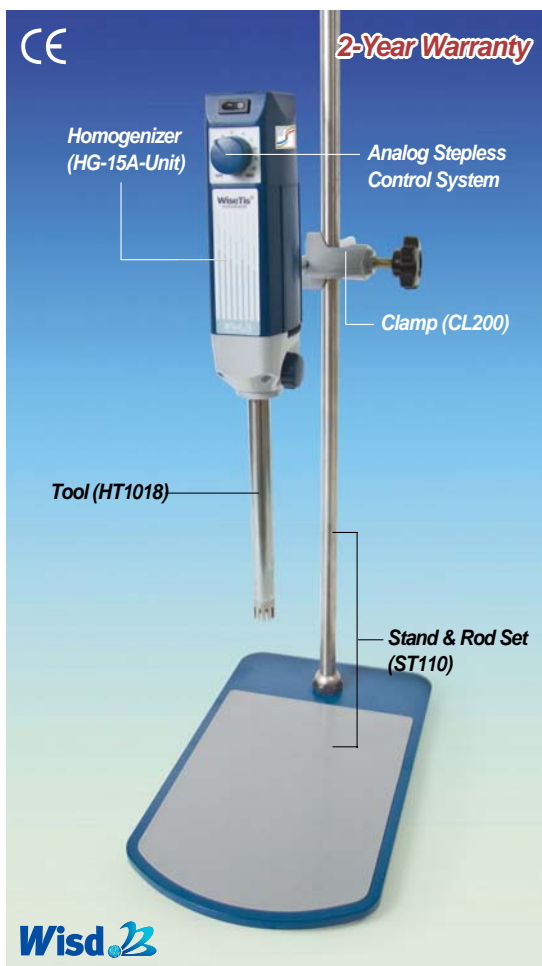


DAIHAN-brand® Homogenizer with Direct Controller, "HG-15A", up to 27,000 rpm, 1~2,500ml with Analog Stepless Control System, High Efficiency Dispersing Tools, High-Speed · High-Quality · Low Noise



Homogenizer Package-set "HG-15A-Set-A"

- with Certificate & Traceability :
Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Useful for All Dispersing and Homogenizing Applications
- Over Heat Protection
- PL(Product Liability) Insurance ■ CE Certified

- * Designed for Liquid and Tissue Samples
- * Useful for All Dispersing and Homogenizing Applications
- * High Speed / High Quality / Low Noise : Max. 27,000 RPM (without load)
- * Speed & Power Control Optimized for a Sample
- * High Efficiency Dispersing Tool made of Stainless steel and PTFE

Specification

Model	Homogenizer Package-Set "HG - 15A-Set"
Speed Range & Adjustment	Max. 27,000 rpm (without load), Stepless
Working Range	1 ~ 2,500ml
Motor Rating (Input / Output)	Input : 300W , Output : 160 W
Controller	Analog Phase Controller
Safety Device	Over Heat Protector
Usable Dispersing Tool	φ8mm Stator "HT1008", φ10mm Stator "HT1010", φ18mm Stator "HT1018", φ25mm Stator "HT1025"
Material	Aluminum Die-casting and ABS-Unit, Stainless steel (#304)-Tool
Permissible Temp. & Moisture	Ambient +5 ~ 50°C, 85%
Extension Arm Size	φ12.7×L250mm
Dimension & Weight	60×75×h215mm, 2.5kg
Packing Size & Gross Weight	320×300×h190mm, 5 kg
Power Consumption	160W
Power Supply & Cord Plug*	1 Phase, AC 120V, 60Hz or AC 230V, 50 / 60Hz

* Other Specifications are available upon Customer's Request.

Ordering Information

- * Package-Set : "HG-15A-Set-A"—with (3) "HT1018" Dispersing Tool(Rotor φ12.8, Stator φ18), "CL200" Clamp, "ST110" Standard Plate Stand
- "HG-15A-Set-B"—with (4) "HT1025" Dispersing Tool(Rotor φ20, Stator φ25), "CL200" Clamp, "ST110" Standard Plate Stand
- Package Dimension and Weight exclude "ST110" Standard Plate Stand

with "HT1018" Dispersing Tool, "HG-15A-Set-A" Package-set

- DH.WHG02016 Homogenizer Package, 230V, "HG-15A-Set-A"
- DH.WHG01016 , 120V, "HG-15A-Set-A"

with "HT1025" Dispersing Tool, "HG-15A-Set-B" Package-set

- DH.WHG02017 Homogenizer Package, 230V, "HG-15A-Set-B"
- DH.WHG01017 , 120V, "HG-15A-Set-B"

without Dispersing Tool, Homogenizer Unit Only

- DH.WHG02015 Homogenizer Unit, 230V, "HG-15A-Unit"
- DH.WHG01015 , 120V, "HG-15A-Unit"

Spare Dispersing Tool & Clamp & Plate Stand

- DH.WHG02108 (1) Dispersing Tool, "HT1008", Rotor φ6 , Stator φ8mm, 1~50ml
- DH.WHG02110 (2) , "HT1010", Rotor φ7.96, Stator φ10mm, 1~100ml
- DH.WHG02118 (3) , "HT1018", Rotor φ12.8, Stator φ18mm, 10~1000ml
- DH.WHG02125 (4) , "HT1025", Rotor φ20 , Stator φ25mm, 50~2500ml
- DH.WOS502020 Clamp, "CL200", for Stirrer or Homogenizer, Cast Aluminum, Grip Capacity φ23mm for Stand/Rod
- DH.WOS501510 Standard Plate Stand, "ST110", for Stirrer or Homogenizer, φ16×h800 mm Rod, w20×d35 cm Plate, with Silicone Pad
- DH.WOS501515 Wide Plate Stand, "ST120", for Stirrer or Homogenizer, φ23×h1000 mm Rod, w30×d40 cm Plate, with Silicone Pad

* See page 94 for the Specifications of Dispersing Tools and Accessories.



1~50ml



(1) Dispersing Tool "HT1008"

1~100ml



(2) Dispersing Tool "HT1010"

10 ~ 1,000ml



(3) Dispersing Tool "HT1018"

10 ~ 2,500ml



(4) Dispersing Tool "HT1025"



(5) High Quality Clamp (CL200)

Homogenizer Accessories, Dispersing Tools & Plate Stand for Homogenizer

- Accurate Stator & Rotor made of Stainless steel
- High Efficiency Dispersing Tool made of Stainless steel and PTFE
- Low Cost & High Efficiency

Model	(1)"HT1008"	(2)"HT1010"	(3)"HT1018"	(4)"HT1025"
Working Range	1 ~ 50ml	1 ~ 100ml	10 ~ 1,000ml	50 ~ 2,500ml
Stator Diameter	φ 8 mm	φ 10 mm	φ 18 mm	φ 25 mm
Rotor Diameter	φ 6 mm	φ 7.96 mm	φ 12.8mm	φ 20 mm
Gap between Rotor & Stator	0.25 mm	0.2 mm	0.25 mm	0.35 mm
Allowable Max. Speed	27,000 rpm		20,000 rpm	15,000 rpm
Immersion Depth Min.	35 mm		60 mm	
Immersion Depth Max	70 mm		130 mm	
Shaft Length	138 mm		225 mm	
Bearing Material	PTFE			
Suitable for Solvent	Yes			
Max. Temperature	180°C			
Sterilization Method	All Methods			
Suspensions & Emulsions	Suspension : 10 ~ 50 _μ m, Emulsion : 1 ~ 10 _μ m			

* Test Condition : 1.8 liters of water in the 2 liters capacity beaker.



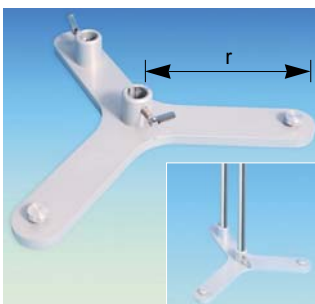
(6) Standard Plate Stand (ST110)



(7) Wide Plate Stand (ST120)

Spare Dispersing Tool & Clamp & Plate Stand

- DH.WHG02108 (1) Dispersing Tool, "HT1008", Rotor φ6, Stator φ8mm, 1~50ml
 DH.WHG02110 (2) "HT1010", Rotor φ7.96, Stator φ10mm, 1~100ml
 DH.WHG02118 (3) "HT1018", Rotor φ12.8, Stator φ18mm, 10~1000ml
 DH.WHG02125 (4) "HT1025", Rotor φ20, Stator φ25mm, 50~2500ml
 DH.WOS502020 (5) Clamp, "CL200", for Stirrer or Homogenizer, L135mm, Cast Aluminum, Grip Capacity φ23mm for Stand/Rod
 DH.WOS501510 (6) Standard Plate Stand, "ST110", for Stirrer or Homogenizer, φ16×h800 mm Rod, w20×d35 cm Plate, with Silicone Pad
 DH.WOS501515 (7) Wide Plate Stand, "ST120", for Stirrer or Homogenizer, φ23×h1000 mm Rod, w30×d40 cm Plate, with Silicone Pad



Steel Retort Base Duo Stand

Usbeck[®] Steel Retort Base Duo Stand, up to φ 16mm Rods, for 2 Rods Nonskid Feet equipped, with Hinged Screw M6, Rod Excluded

* Can Fix Rods up to 2ea (Below φ16mm) * Stand Thickness : 8mm

Retort Stand, Only Stand Base

US.2040 Stand, "US2040", r=150mm

US.2041 "US2041", r=185mm

Optional Stainless steel Rod

DH.WOS502001 Stainless steel Rod, "RD501", φ16×h800mm, Non-screw
 DH.WOS502002 "RD502", φ16×h1000mm, Non-screw
 DH.WOS502003 "RD503", φ16×h1200mm, Non-screw

DAIHAN-brand[®] High-Quality Stainless steel (#304) Rod. for Plate Stand, φ 16/23 mm

Plain-type φ 16mm Rod, without Screw

DH.WOS502001 Stainless steel Rod, "RD501", φ16×h800mm, Non-screw
 DH.WOS502002 "RD502", φ16×h1000mm, Non-screw
 DH.WOS502003 "RD503", φ16×h1200mm, Non-screw
 DH.WOS502031 "RD531", φ23×h800mm, Non-screw
 DH.WOS502033 "RD533", φ23×h1200mm, Non-screw

1.5P Screw-type φ 16 & 23mm Rod

DH.WOS502011 Stainless steel Rod, "RD511", φ16×h800mm, 1.5P Screw
 DH.WOS502012 "RD512", φ16×h1000mm, 1.5P Screw
 DH.WOS502013 "RD513", φ16×h1200mm, 1.5P Screw
 DH.WOS502021 "RD521", φ23×h800mm, 1.5P Screw
 DH.WOS502022 "RD522", φ23×h1000mm, 1.5P Screw
 DH.WOS502023 "RD523", φ23×h1200mm, 1.5P Screw



Stainless steel Rod