

Shaker

Mixer, Rocker	P. 204
, Rotor	P. 204
, Vortex	P. 203~204
Shaker, Orbital Motion	P. 205~207
, Reciprocating Motion	P. 207~208
, Rocker	P. 209
, Rotator	P. 210

● **Mixer, Vortex**



● **Mixer, Tube Mix Rotor**



● **Shaker, Rocker**



● **Shaker, Orbital/Reciprocating**



● **Shaker, Rotator**



DAIHAN® Hi-performance Multifunction Vortex Mixer-set "MaXshake™ VM30", 3,300rpm, with Certi. & Traceability
With ϕ 76mm(3inch) Platform Head & Pop-off Cup Head, Variable Speed Control, Continuous or Touch-on Mixing
다용도 볼텍스 믹서, 다양한 속도 조절, 인체공학적인 디자인 적용, 강력하고 안정된 동작과 저소음



2-Year Warranty

Multifunction Vortex Mixer Set "MaXshake™ VM30" with ϕ 76mm(3") Platform(PM110)

- **Made in Korea**
- **PL (Product Liability) Insurance**
- **with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System**
- **Ideal for Mixing Solutions in Test Tubes or Small Flasks with Circular, Oscillating Movement**
- **Variable Speed Control Allows Slow Speed Shaking Action up to High Speed Vortexing**

- * Gentle Mixing to Re-suspending Pellet
- * Ergonomic Design with Stable Low Profile Body.
- * A Robust and Sturdy Diecast Construction Vortex Mixer.
- * Exceptional Stability on the Bench Thanks to the Combination of Weight and Non-slip Feet.
- * Variable Speed up to 3,300rpm.
- * Continuous-run or Touch-activated Run Modes.
- * Variable Speed for Gentle to Vigorous Mixing.
- * Powerful Motor for Efficient Mixing
- * Circular Orbit for an Effective Vortex at any Speed
- * Constant Torque within the Full Range of Speed.
- * Eccentric with Oil-less Ball Bearings
- * Optimized Counter Balance System Minimizes Vibration.
- * Counter Balance Design for Minimal Body Vibration.
- * Special Designed Silicon Feet Absorb Vibration at High Speeds.
- * Speed Regulation through Knob provided on the Control Panel
- * Electronic Speed Control for Constant Speed even during Changes in Load
- * Conical Tube can be Mixed Smoothly by Hand Holding.
- * One Mixing Head for a Variety of Tube Sizes
- * Universal Head for a Variety of Mixing Applications
- * Accepting Vessels up to 76mm Diameter
- * MBR(Methyl Methacrylate Butadiene Rubber) Feet for Ultra Stability and Vibration Damping

Specifications & Ordering information

Spec.	Model	"MaXshake™ VM30"
Speed Range		0 ~ 3,300 rpm
Shaking Motion		Orbital, Circuit Orbit : 4.0mm
Control		Analog Phase Controller
Motor		Brushless AC Motor
Head (Included)		Pop-off Cup Head and ϕ 76mm Platform Head
Max. Load		0.5kg
Material		Aluminum Die-casting with Powder Coating
Dimensions (w × d × h) (mm)		140 × 190 × h123 mm
Weight		3 kg
Others		3-position Power Switch Operates Aluminum Die-casting with Powder Coating
Packing Dimension (w × d × h) (mm)		175 × 255 × h215 mm
Gross Weight		3 kg
Power Consumption		30 W
Electrical Reqts.		1 Phase, AC 120V, 50 / 60Hz or AC 230V, 50 / 60Hz

Cat. No.	230V	60Hz	DH.WVM00030
		50Hz	DH.WVM00031
	120V	60Hz	DH.WVM00032
		50Hz	DH.WVM00033
Price, Each. ₩			

* Other Specifications are available upon Customer's Request.

Spare Platform Head

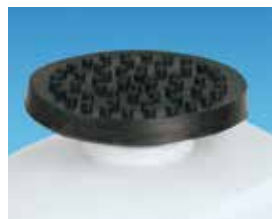
- DH.WVM00110 (1) Platform Head, "PM110", ϕ 76mm(3inch)
- DH.WVM00210 (2) Pop-off Cup Head, "PM210"

Ea. Price, ₩

Optional Platform Head

- DH.WVM00310 (3) Microtube Platform Head(0.5~2.0ml), "PM310"

Ea. Price, ₩



(1) Platform Head, ϕ 76mm(3inch) "PM110" (Included)



(2) Pop-off Cup Head "PM210" (Included)



(3) Microtube Platform Head, 0.5~2.0ml Tube "PM310" (Optional)



Remove Applicator (Included)

DAIHAN® Mini Vortex Mixer “VM-100”, Up to 3,200rpm
 With Silicone Head, Space Saving Compact Design, Variable Speed Control, 소형 볼텍스 믹서



- **Quality Certification : ISO 9001**
- **Ideal for Mixing Solutions in Test Tubes Oscillating Movement**
- * Mini Size saved the Space of Working Desk
- * Variable Speed Control and Automatically Press Start
- * Powerful and Quiet Vortex Mixing Action for Tubes up to 50ml
- * Blue/Orange Silicon Top Head
- * Max. Speed : 3,200 rpm * Orbit : 4.5mm
- * Overall Dimension & Weight(N.W./G.W.) : 55×173×h81 mm, 0.77 / 0.9 kg

DH.WVM0100.B Mini Vortex Mixer, “VM-100”, for 230V, Blue Silicon Head
DH.WVM0100.O , Orange Silicon Head

Ea. Price, ₩

DAIHAN® Compact Multifunction Mixer/Rocker “MixM-100”, Smoothly Rocking Motion, 24rpm
 With Rubber Cushion Platform, Continuous Operation, Ideal for Dishes(≥ ϕ 100mm) or 1.5~50ml Tubes, 소형 다기능 믹서-락커



- **Quality Certification : ISO 9001.**
- **Ideal for Dishes(≥ ϕ 100mm) and 1.5 ~ 50ml Tubes.**
- **Capacity ; 3ea - ϕ 100mm Dishes, or 30ea - 1.5ml Microtubes, or 15ea - 15ml Tubes, or 8ea - 50ml Tubes.**
- **Easy to load and unload the Test Tubes without Turning the Mixer Off.**
- **Rubber Cushion preventing the Test Tubes from Slipping.**
- * Widely used in Hematology, Chemistry, Research and Bacteriology Laboratories.
- * Smooth, Steady, Quiet, and Continuous Operation
- * Speed : 24rpm at 60Hz / 20rpm at 50Hz
- * Platform Dimension : w300×d115 mm
- * Overall Dimension & Weight(N.W./G.W.) : w350×d140×h110 mm, 1.5 / 2.0 kg

DH.MixM0100 Compact Mixer/Rocker, “MixM-100”, for 230V
DH.MixM0101 , “MixM-101”, for 120V

Ea. Price, ₩

DAIHAN® Tube Mix Rotor “MixR-40”, with 5× Mixing Rollers, Rocking & Rolling-motion, Fixed 40rpm
 Ideal for 15~50ml Test Tube, with Timer/Minimum Noise Motor/Cooling Pan/0~60min Timer, 튜브 믹싱 로터



- **Made in Korea** ■ **with 5× Mixing Rollers(ϕ 32×L325mm)**
- **Ideal for Mixing Blood Samples, Viscous Substances and Liquid-Solid Suspensions, Use in a Variety of Applications, Prevention of Blood Coagulation and Immune Precipitation, etc.**
- **Rocking & Rolling Mixing-motion for Complete Sample Mixing**
- * Stability Mixing Motion and Built in Minimize Noise AC Synchronous Motor
- * Built in Cooling Pan Protecting Over Temperature for Long Operating Time.
- * Can Use with 8ea× 15ml Test Tubes or 8ea× 50ml Test Tubes.
- * Stability Fixed 40rpm Mixing Speed
- * Built in 99hr 59min Timer for User Convenience
- * Can be Used in Cold Lab Chambers or Incubators

Specifications & Ordering information

Spec.	Model	“MixR-40”
No. of Mixing Roller		5ea× Mixing Rollers
Mixing Roller Size & Material		ϕ 32×L325 mm, PVC
Mixing Speed		Fixed 40rpm
Motor		AC Synchronous Motor, 12W
Timer		0~60min Analog Timer/Continuous Run
Material(Body)		Powder-coated Steel
Dimension & Weight		490×220×h100 mm, 3 kg
Electric Reqts.		AC 230V, 50/60Hz
Cat. No.		DH.MixR1040
Price, Each. ₩		

DAIHAN® Analog Orbital Shaker "ShkO-300", 10 Levels Speed Control/40~300rpm
With Standard Rubber Mat Platform, 0~60min Timer, 궤도형 셰이커



Orbital Shaker "ShkO-300"

- Made in Korea
 - Stepless Speed Controller(10Levels Speed/40~300rpm)
 - Ideal for Culturing Cells to Hybridization, Staining and Destaining Gels, and Combinatorial Chemistry, etc.
 - Included Rubber Mat Platform
 - Optional PCR Plate- / Universal Perforated-Platform
- * Brushless DC Motor : Low Noise and Long Life time
* Optimal Platform Rotation for Intensive Mixing
* Built in 0~60min Timer for User Convenience

Specifications & Ordering information

Spec.	Model	"ShkO-300"
Speed Range		40~300 rpm, 10 Levels Speed Control
Shaking Motion		Orbital Motion
Motor		20W DC 12V Motor
Timer		0~60min Analog Timer/Continuous Run
Platform Size		285 × 285 × h10 mm
Material		Powder-coated Steel
Dimension (w × d × h)		250 × 280 × 180mm
Net Weight		7 kg
Packing Size (w × d × h) & Gross Weight		320 × 350 × 250mm 7.5 kg
Electric Reqts.		AC 230V, 50/60Hz
Cat. No.		DH.ShkO1300
Price, Each. ₩		



(1) PCR Plate Platform
(Optional)



(2) Universal Perforated
Platform and STS Wire Spring
Flask Holders
(Optional)

Optional or Spare Platform/Flask Holder

- DH.ShkO3001 (1) PCR Plate Platform, for PCR Plate, w285 × d285mm
DH.WSO504100 (2) Universal Platform, for Flask Holder, w230 × d230mm
DH.WIS600100 (2) STS Wire Spring Flask Holder, "FHS100", for 100ml Flask
DH.WIS600250 "FHS250", for 250ml Flask
DH.WIS600500 "FHS500", for 500ml Flask
DH.WIS601000 "FHS1000", for 1000ml Flask

Spec.	Model	Shk-300
Max. Capacity of Flask Holder	For 50~100ml	9 ea
	For 200~300ml	7 ea
	For 500~1000ml	4 ea

DH.ShkO3003 Spare ; Rubber Mat Platform, Multi-use, w285 × d285mm

Ea. Price, ₩

DAIHAN® Digital Orbital Shaker "SHO", 10~300 rpm, Low Noise & Long Life Cycle, with Certi. & Traceability
 With Programmable Digital Feedback Control, without Platforms, 디지털 웨이퍼형 셰이커, 저소음 및 긴 수명, 부드러운 시동 동작 및 속도조절



Figure ; Orbital Shaker "SHO" +
 (2) Rubber Mat Platform(Optional)

- Made in Korea ■ CE Certified ■ PL(Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Ideal for Culturing Cells to Hybridization, Staining and Destaining Gels, and Combinatorial Chemistry
- Patented Jog-Shuttle Control System
- * Optimal Platform Rotation for Intensive Mixing * Brushless DC Motor(Low Noise & Long Life Cycle)
- * High Precision Digital Rotation Speed Control * Programmable Operation Mode Supported
- * Digital LCD with Back-Light Function
- * Smooth Start and Change of Shaking Speed for Stable Running
- * Storage Function(Program, RPM, Timer), Alarm(Error Status and Timer-end) & Overload Protection
- * Locking Mode Supported for Experimental Safety (Input to Jog-Shuttle can be Disabled)

Specifications & Ordering information

Spec.	Model	A. "SHO-1D" Plate Size 230 × 230 mm	B. "SHO-2D" Plate Size 350 × 350 mm
Shaking Motion	Orbital Motion		
Speed Range	10 ~ 300 rpm		
Max. Load	8 kg	10 kg	
Amplitude of Rotation (mm)	8 mm	15 mm	
Motor	Brushless DC Motor		
Permissible Ambient Temp.	Ambient +5 ~ 50℃		
Permissible Relative Moisture	85%		
Timer & Alarm	99hr 59min (with Continuous run.), Error status & Timer-end		
Display	Digital LCD with Back-Light Function		
Controller	Programmable Digital Feedback Controller with Jog-Shuttle Switch(Turn+Push)		
Program Function	10 Steps, 6 Programs		
Safety Circuit	Overload Protector for Motor		
Dimension (w × d × h) (mm)	260 × 330 × 150	400 × 480 × 160	
Net Weight	14 kg	20 kg	
Packing Size (w × d × h) (mm)	450 × 350 × 250	580 × 500 × 250	
& Gross Weight	18 kg	23 kg	
Power Consumption	40 W		
Electrical Reqt.s.	Free Voltage (1 Phase, AC 80V~240V, 50/60Hz)		

Cat. No.	230V	DH.WSO04010	DH.WSO04012
	120V	DH.WSO05010	DH.WSO05012
Price, Each. ₩			

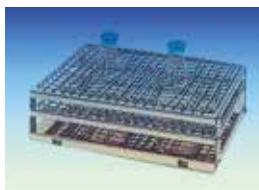
* Other Specifications are available upon Customer's Request.

※ 운임 약 ₩ 9,000 별도!

<Optional Accessory>



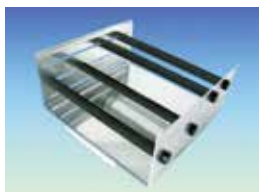
(1) Universal Perforated Platform & Flask Holder



(3) Universal Spring Rack "SP140" / "SP240"



(4) Platform for Flasks "SP120" / "SP220"



(5) Platform for Separatory Funnels "SP130" / "SP230"

Optional Platform/Flask Holder/Spring Rack

- DH.WSO504100 (1) Universal Platform, "SP100", for "SHO-1D", 230 × 230mm
- DH.WSO504200 , "SP200", for "SHO-2D", 350 × 350mm
- DH.WIS600100 (1) STS Wire Spring Flask Holder, "FHS100", for 100ml Flask
- DH.WIS600250 , "FHS250", for 250ml Flask
- DH.WIS600500 , "FHS500", for 500ml Flask
- DH.WIS601000 , "FHS1000", for 1000ml Flask

Spec.	Model	SHO-1D	SHO-2D
Max. Capacity of Flask Holder	For 50~100ml	9 ea	20 ea
	For 200~300ml	7 ea	16 ea
	For 500~1000ml	4 ea	9 ea

- DH.WSO504110 (2) Rubber Mat Platform, "SP110", for "SHO-1D", 270 × 270mm
- DH.WSO504210 , "SP210", for "SHO-2D", 370 × 370mm
- DH.WSO504140 (3) Uni. Spring Rack, "SP140", for "SHO-1D", 270 × 270 × h100mm
- DH.WSO504240 , "SP240", for "SHO-2D", 370 × 370 × h100mm
- DH.WSO504120 (4) Platform for Flasks, "SP120", for "SHO-1D", 350 × 230 × h153mm
- DH.WSO504220 , "SP220", for "SHO-2D", 350 × 350 × h153mm
- DH.WSO504130 (5) Platform for Sep. Funnels, SP130, for SHO-1D, 350 × 235 × h174mm
- DH.WSO504230 , SP230, for SHO-2D, 351 × 355 × h174mm

Ea. Price, ₩

DAIHAN® Premium Digital Orbital & Reciprocating Shaker “MaXshake™”, Powerful Compact Design, 10~300 rpm With Programmable func., Large LCD Display, Quiet & Low-vibration, Available Rubber Mat-/Universal Platform(Optional), without Platform 디지털 궤도형 & 왕복형 셰이커, Small Gaint Power, 저소음/저진동 긴 수명, 부드러운 시동 동작 및 속도 조절



Figure ; Orbital Shaker “MaXshake™ OB2” + (2) Rubber Mat Platform(Optional)



Figure ; Orbital Shaker “MaXshake™ RP2” + (1) Universal Platform & Flask Holder(Optional)

- Made in Korea
- PL (Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Ideal for Culturing Cells to Hybridization, Staining and Destaining Gels, Chemistry
- Patented Jog-Shuttle Control System * Variable Accessories are Available (Optional)
- * Hybridization, Washing Blots, Culturing Microbes
- * Compact Design Easily Fits in Incubators and on the Laboratory Bench.
- * Soft Start and Noise-free Operation. * Digital Speed Control easily adjusts from 10 to 300 rpm
- * Built-in Digital Timer. Use in Continuous Shaking or Timer Mode up to 99 hr 59 min.
- * Gentle Speed up and Slow down by PID Speed Control. Slow Start Motion decreases Risk of Spills.
- * Large LCD for Speed and Time Adjustment, makes it possible to read the Speed, Timer Function and Operating Mode.
- * Low Vibration, Low Noise * Clearly laid out Control Panel for easy Operation.
- * Speed Regulation by Microprocessor. * Excellently Applicable for Continuous Operation.
- * Constant Speed Independent Ofload. * Comprehensive Range of Accessories.
- * Audible Buzzer Alarms on Time Expiration and when an Error Occurs.
- * Over-speed Detection and Protection. * Automatic Recovery from Power Break.
- * Brushless Motor Provides Maintenance Free Operation.

Specifications & Ordering information

Spec.	Model	A. “MaXshake™ OB2” Orbital Motion	B. “MaXshake™ RP2” Reciprocating Motion
Shaking Platform Size		255×255 mm	
Shaking Motion		Orbital Motion	Reciprocating Motion
Speed Range & Max. Load		10 ~ 300 rpm, 10kg	
Amplitude of Rotation (mm)		10 mm	
Motor		Brushless DC Motor	
Permissible Temp. & Moisture		Ambient +5 ~ 50℃, 80%	
Timer & Alarm		99hr 59min (with Continuous run.), Error status & Timer-end	
Display		Large Size Digital LCD with Back-Light Function	
Controller		Digital Fuzzy Controller with Touch Button, Jog-dial	
Program Function		10 Steps, 6 Programs	
Platform		Universal Platform for various Shapes & Size of Flask	
Dimension & Weight		376×375×h138 mm(Base Platform : 255×255 mm), 13kg	
Packing Dimension & Weight		345×420×h205 mm, 13.5kg	
Safety Circuit		Overload Protector for Motor	
Power Consumption		45 W	
Electrical Reqts.		1 Phase, AC 120V, 60Hz or AC 230V, 50 / 60Hz	
Cat. No.	230V	DH.WSO00300	DH.WSR00300
	120V	DH.WSO00301	DH.WSR00301
Price, Each. ₩			

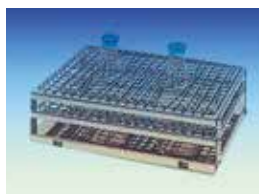
* Other Specifications are available upon Customer's Request.

※ 운임 약 ₩ 9,000 별도!

<Optional Accessory>



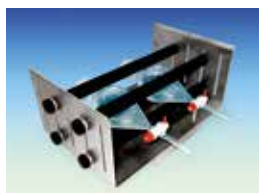
(1) Universal Perforated Platform & Flask Holder



(3) Universal Spring Rack



(4) Platform for Flasks



(5) Platform for Separatory Funnels

Optional Platform/Flask Holder/Spring Rack

- DH.WSO604100 (1) Universal Platform, w251×d251mm
- DH.WSO604200 (1) , w346×d346mm
- DH.WIS600100 (1) STS Wire Spring Flask Holder, “FHS100”, for 100ml Flask
- DH.WIS600250 , “FHS250”, for 250ml Flask
- DH.WIS600500 , “FHS500”, for 500ml Flask
- DH.WIS601000 , “FHS1000”, for 1000ml Flask

Spec.	Model	251×251mm	346×346mm
		Universal Platform	Universal Platform
Max. Capacity of Flask Holder	For 100ml	9 ea	20 ea
	For 250ml	7 ea	15 ea
	For 500ml	5 ea	9 ea
	For 1000ml	4 ea	6 ea

- DH.WSO604110 (2) Rubber Mat Platform, w295×d295mm
- DH.WSO604210 (2) , w370×d370mm
- DH.WSO604140 (3) Universal Spring Rack, w295×d295×h100mm
- DH.WSO604240 (3) , w370×d370×h100mm
- DH.WSO604130 (4) Platform for Round Flask, w350×d260×h153mm
- DH.WSO604230 (5) Platform for Separatory Funnels, w350×d260×h153mm

Ea. Price, ₩

DAIHAN® Digital Reciprocating Shaker “SHR”, 10~300 rpm, Low Noise & Long Life Cycle, with Certi. & Traceability
 With Programmable Digital Feedback Control, without Platforms, 디지털 양복형 셰이커, 저소음 및 긴 수명, 부드러운 시동 동작 및 속도 조절



Figure ; Reciprocating Shaker “SHR” +
 (2) Rubber Mat Platform(Optional)

- Made in Korea ■ CE Certified ■ PL (Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Ideal for Culturing Cells to Hybridization, Staining and Destaining Gels, and Combinatorial Chemistry
- Patented Jog-Shuttle Control System
- * Optimal Platform Rotation for Intensive Mixing * Brushless DC Motor(Low Noise & Long Life Cycle)
- * High Precision Digital Rotation Speed Control * Programmable Operation Mode Supported
- * Digital LCD with Back-Light Function
- * Smooth Start and Change of Shaking Speed for Stable Running
- * Storage Function(Program, RPM, Timer), Alarm(Error Status and Timer-end) & Overload Protection
- * Locking Mode Supported for Experimental Safety (Input to Jog-Shuttle can be Disabled)

Specifications & Ordering information

Spec.	Model	A. “SHR-1D” Plate Size 230 × 230 mm	B. “SHR-2D” Plate Size 350 × 350 mm
Shaking Motion		Reciprocating	
Speed Range		10 ~ 300 rpm	
Max. Load		8 kg	10 kg
Amplitude of Rotation (mm)		8 mm	15 mm
Motor		Brushless DC Motor	
Permissible Ambient Temperature		Ambient +5 ~ 50 °C	
Permissible Relative Moisture		85%	
Timer & Alarm		99hr 59min (with Continuous run.), Error status & Timer-end	
Display		Digital LCD with Back-Light Function	
Controller		Programmable Digital Feedback Controller with Jog-Shuttle Switch(Turn+Push)	
Program Function		10 Steps, 6 Programs	
Safety Circuit		Overload Protector for Motor	
Dimension (w × d × h) (mm)		260 × 330 × 150	400 × 480 × 160
Net Weight		14 kg	20 kg
Packing Size (w × d × h) (mm)		450 × 350 × 250	580 × 500 × 250
& Gross Weight		18 kg	23 kg
Power Consumption		40 W	
Electrical Reqt.s.		Free Voltage (1 Phase, AC 80V~240V, 50/60Hz)	

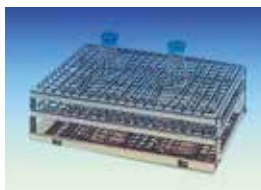
Cat. No.	230V	DH.WSR04020	DH.WSR04022
	120V	DH.WSR05020	DH.WSR05022
Price, Each. ₩			

* Other Specifications are available upon Customer's Request. ※ 운임 약 ₩ 9,000 별도!

<Optional Accessory>



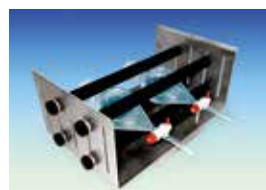
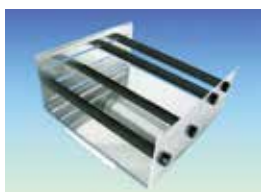
(1) Universal Perforated Platform & Flask Holder



(3) Universal Spring Rack “SP140” / “SP240”



(4) Platform for Flasks “SP120” / “SP220”



(5) Platform for Separatory Funnels “SP130” / “SP230”

Optional Platform/Flask Holder/Spring Rack

- DH.WSO504100 (1) Universal Platform, “SP100”, for “SHR-1D”, 230 × 230mm
- DH.WSO504200 , “SP200”, for “SHR-2D”, 350 × 350mm
- DH.WIS600100 (1) STS Wire Spring Flask Holder, “FHS100”, for 100ml Flask
- DH.WIS600250 , “FHS250”, for 250ml Flask
- DH.WIS600500 , “FHS500”, for 500ml Flask
- DH.WIS601000 , “FHS1000”, for 1000ml Flask

Spec.	Model	SHR-1D	SHR-2D
Max. Capacity of Flask Holder	For 50~100ml	9 ea	20 ea
	For 200~300ml	7 ea	16 ea
	For 500~1000ml	4 ea	9 ea

- DH.WSO504110 (2) Rubber Mat Platform, “SP110”, for “SHR-1D”, 270 × 270mm
- DH.WSO504210 , “SP210”, for “SHR-2D”, 370 × 370mm
- DH.WSO504140 (3) Uni. Spring Rack, “SP140”, for “SHR-1D”, 270 × 270 × h100mm
- DH.WSO504240 , “SP240”, for “SHR-2D”, 370 × 370 × h100mm
- DH.WSO504120 (4) Platform for Flasks, “SP120”, for “SHR-1D”, 350 × 230 × h153mm
- DH.WSO504220 , “SP220”, for “SHR-2D”, 350 × 350 × h153mm
- DH.WSO504130 (5) Platform for Sep. Funnels, SP130, for SHR-1D, 350 × 235 × h174mm
- DH.WSO504230 , SP230, for SHR-2D, 351 × 355 × h174mm

Ea. Price, ₩

Articles	Cat. No	Description
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DAIHAN® Programmable Digital Rocker “RK”, Digital Feedback Control, 5~50 rpm, with Certi. & Traceability
 With 290×200mm or 300×300mm Platform, Smooth Start & Wave Motion, Tilt Angle ±6°/±9°

디지털 락커, 디지털 피드백 컨트롤 시스템, 부드러운 시동 동작 및 속도 조절



(1) 290×200 mm Rocker “RK-1D” with Included Platform

- Made in Korea
- CE Certified
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- High Precision Digital Speed Control : 1rpm
- Patented Jog-Shuttle Control System
- PL(Product Liability) Insurance
- * Gel Staining, Destaining, Blotting
- * Cell Culture, Hybridization, Washing
- * High Precision Digital Speed Control : 1rpm
- * Programmable Operation Mode Supported : 10 Steps and 6 Programs
- * Digital Timer : Max. 99hr 59min
- * Digital LCD with Back-Light Function for Timer, RPM and Power Bar-Graph
- * Smooth Start and Change of Rocking Speed
- * Overload Protection Function for Motor
- * Storage Function for Set Values : RPM and Timer
- * Alarm Function : Error Status and Timer-end
- * Stainless-steel Platform Comes with Gray Nonslip Rubber Pad
- * Stackable Platform with Pad to Double Mixing Area (Optional)
- * Locking Mode supported for Experimental Safety (Input to Jog-Shuttle can be Disabled)

Specifications & Ordering information



(2) 300×300 mm Rocker “RK-2D” with Second Platform(Optional)

Spec.		Model	(1) “RK-1D” Platform Size 290×200 mm	(2) “RK-2D” Platform Size 300×300 mm
Dimensions (w×d×h)	Platform (mm)		290×200	300×300
	Overall (mm)		290×240×150	300×330×150
Speed Range (rpm)			5 ~ 50	
Angle (degree)			±6 or ±9 (±9 as Factory Default)	
Motor			14W Geared DC Motor	
Program Function			10 Steps, 6 Programs	
Timer & Alarm			99hr 59min (with Continuous run.), Error status & Timer-end	
Display			Digital LCD with Back-Light Function	
Controller			Programmable Digital Feedback Controller with Jog-Shuttle Switch(Turn+Push)	
Safety Circuit			Overload Protector for motor	
Platform (Included)			290×200mm Platform	300×300mm Platform
Others			CE Certified, PL(Product Liability) Insurance Smooth Start and Change of the Stirring Speed for Stable Running Storage Function (RPM, Timer) Locking Mode (Jog-Shuttle Input Disabled) Alarm (Error Status and Timer-end)	
Packing Dimension (w×d×h) (mm)			450×350×250	
Gross Weight			7 kg	8 kg
Power Consumption			35 W	
Electrical Reqts.			Free Voltage (1 Phase, AC 80V~240V, 50/60Hz)	
Cat. No.	230V		DH.WRK01010	DH.WRK01020
	120V		DH.WRK02010	DH.WRK02020
Price, Each. ₩				

* Other Specifications are available upon Customer's Request.

Optional Second Platform

- DH.WRK05011 Second Platform, “RK5011”, for “RK-1D”, w290×d200, with 4 Pillars(L120mm)
- DH.WRK05021 Second Platform, “RK5021”, for “RK-2D”, w300×d300, with 4 Pillars(L120mm)

Ea. Price, ₩

DAIHAN® Programmable Digital Rotator “RT-10”, 0~90° Mixing Angle, 5~60rpm, with Certi. & Traceability
With Digital Feedback Control, Adjustable Speed & Angle of Rotation, Continuous or Timed Operation
디지털 로테이터, 디지털 피드백 컨트롤 시스템, 회전각 및 회전속도 조절 가능



Programmable Digital Rotator “RT-10”
with Optional Disk “WRT120” for 32 x 1.5ml Tube

- **Made in Korea** ■ **CE Certified**
- **with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System**
- **Adjustable Speed and Angle of Rotation : 0 to 90°**
- **Patented Jog-Shuttle Control System**
- **PL (Product Liability) Insurance**
- * General Mixing, Diffusing, Dialyzing and Hybridization, Aerating Culture
- * Keeping Biological Samples in Suspension
- * Adjustable Speed and Angle of Rotation : 0 to 90°
- * Digital Feedback Control: Steady and Constant Rotating
- * Continuous or Timed Operation
- * Digital LCD with Back-Light Function
- * Programmable Operation Mode Supported : 10 Steps and 6 Programs
- * Overload Protection for motor
- * Smooth Start and Change of Stirring Speed
- * Storage Function for Set values of RPM and Time
- * Locking Mode Supported for Experimental Safety (Input to Jog-Shuttle can be Disabled)
- * Durable Construction for Long-Term Operation
- * 5 Different Disks and 3 Roller Drums(Optional)
- * Disk for 250ml Flask is available

Specifications & Ordering information

Spec.	Model	“RT-10”
Speed range		5~ 60 rpm
Angle range		0° ~ 90°
Motor		35W
Program Function		10 Steps, 6 Programs
Timer & Alarm		99hr 59min (with Continuous run.), Error status & Timer-end
Display		Digital LCD with Back-Light Function
Controller		Programmable Digital Feedback Controller with Jog-Shuttle
Temp. Resistance		Lower than 65℃ (Dry Air)
Safety Circuit		Overload Protector for motor
Dimensions (w × d × h) (mm)		200 × 250 × h260 mm
Weight		6 kg
Others		CE Certified, PL(Product Liability) Insurance Storage Function (RPM, Timer) Locking Mode (Jog-Shuttle Input Disabled) User Self-compensation Function, Alarm (Error Status and Timer-end)
Packing Size (w × d × h) (mm) & Gross Weight		370 × 240 × h430 mm 8.5 kg
Power Consumption		40 W
Electrical Reqt.s.		1 Phase, AC 120V, 60Hz or AC 230V, 50 / 60Hz
Cat. No.	230V	DH.WRT00010
	120V	DH.WRT00020
Price, Each. ₩		

* Other Specifications are available upon Customer's Request.



Optional Disk & Roller Drum

- DH.WRT00100 (1) Disk, “WRT100”, for 50ml conical tube × 8ea
- DH.WRT00110 (2) , “WRT110”, for 15ml conical tube × 16ea
- DH.WRT00120 (3) , “WRT120”, for 1.5ml conical/centrifuge Tube × 32ea
- DH.WRT00130 (4) , “WRT130”, for 1.5ml conical/centrifuge Tube × 60ea
- DH.WRT00140 (5) , “WRT140”, 250ml Flask-capacity × 4ea

Ea. Price, ₩

Spare Knob & Post

- DH.WRT00300 (6) 4 × knobs & 4 × Post, “WRT300”, for Installing Disk

Ea. Price, ₩

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Scientific Research Instruments Company Private Limited

42-43, 2nd & 3rd Floor, 1st Cross, Gubbalala, Bengaluru - 560 061

Telephone : 080 4757 2577 | 080 4302 5791

Sales

info@srico-labworld.com

Mobile : +91 9900674407

Service

service@srico-labworld.com

Mobile : +91 9900055879

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