HUMAN Lab ® **OS series**
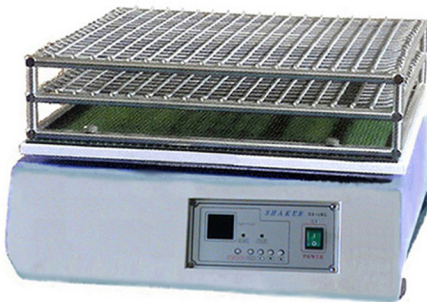

OS-160 with flask clamp

OS-420 with spring wire rack

❶ **Features**

- Wide platform and stable orbital motion
- Possible to operate in cold chambers and incubators
- Maintains precise speed and time control by microprocessor
- Powerfull AC motor drive system

❷ **Specifications**

Model	OS-160	OS-420
Motion	Orbital	
Platform (WxL)	370x370mm	670x570mm
Speed range	20 - 300 rpm ±1%	
Amplitude	30 (standard)mm	
Timer	59min/59 sec or continuous	
Drive system	AC motor & belt drive	
Control & display	Microprocessor digital & LCD display	
Power source	220VAC, 50/60Hz	
Overall (WxDxH)	400x430x200mm	700x630x200mm
Weight (Kg)	28	35

❸ **Options**

1) Flask Clamp

Model	100ml	250ml	500ml	1000ml
OS-160	28ea	14ea	10ea	6ea
OS-420	70ea	40ea	28ea	14ea

2) Spring wire rack   OS-160 (375x375mm) / OS-420 (675x575mm)
3) Univesal plate   OS-160 (375x375mm) / OS-420 (675x575mm)

Stackable Flask Shaker

❶ **Features**

- Maintain precise speed and time control by microprocessor
- Digital LED display indicates temperature, time and power failure
- Powerful AC motor drive system
- Possible to operate up to 20 - 300 rpm, 30mm applitude
- Selectable various shakers in our shaker line
- Stacker is made of steel plate or aluminum profile (option)

❷ **Specifications**

Model	OS-160-X4	OS-420-X3
Shaker platform (WxL)	4 x 370x370mm	3 x 670x570mm
Speed range	20 - 300 rpm ±1%	
Amplitude	30 mm	
Timer	59min/50sec or continuous	
Drive system	Special AC motor + Belt	
Stacker material	Steel plate / Option : Aluminum profile	
Control & display	Microprocessor control & digital LED display	
Power source	110 / 220 VAC,50/60Hz	
Overall (WxDxH)	700x650x1950mm	1000x750x1450mm
Weight (Kg)	150	180