

Specifications for Floor Model Stackable Environmental Shaker	Criteria Matching(Yes/No)	Remarks
MAKE AND MODEL OF THE EQUIPMENT		
<ul style="list-style-type: none"> ▪ Heavy Duty Stackable Environmental Shaker with a possibility of stacking up to 3 machines, without any stacking adapters or tools. Each machine on the stack should have the capability to run up to 400 - 500 RPM (depending on the throw diameter) or even upto 1000 rpm for Deep Well Plates. 		
<ul style="list-style-type: none"> ▪ Facility of variable throw diameters of 3 mm / 6 mm / 9 mm / 12.5 mm / 19 mm / 12 mm / 25 mm / 50 mm / 70 mm on the same machine 		
<ul style="list-style-type: none"> ▪ Rugged Magnetic Drive on Permanent Magnets. No Motor/ Belt or any unwanted moving parts 		
<ul style="list-style-type: none"> ▪ Optional CO2 Control (Measuring range 0...20% CO2) 		
<ul style="list-style-type: none"> ▪ Optional Humidity control 	Humidity maximum : 85% rh at 25 – 55 ° C	
	Humidity Minimum : 70% rh at 25 – 55 O C	
<ul style="list-style-type: none"> ▪ Humidity accuracy 	1 % rh	
<ul style="list-style-type: none"> ▪ Complete machine made up of steel /stainless steel for easy cleanability and sterilization. NO plastic parts 		
<ul style="list-style-type: none"> ▪ Speed Range 	<ul style="list-style-type: none"> ▪ 20– 400 / 500 rpm with an accuracy of ± 0.1 rpm 	
<ul style="list-style-type: none"> ▪ Temperature range 	22° C below RT to 80° C ; accuracy : +/-0.1° C.	
<ul style="list-style-type: none"> ▪ Power of heating 	800 w (resistance)	
<ul style="list-style-type: none"> ▪ Power of cooling 	approx. 1 cooling 125 w / 2 coolings 307 w	
<ul style="list-style-type: none"> ▪ Capacity 	Around 40 – 50 flasks of 250 ml / 20 – 25 flasks of 500 ml	
<ul style="list-style-type: none"> ▪ Anti Slip Mat to be included with the Machine. Clamps / holders to be offered under optionals. 		
<ul style="list-style-type: none"> ▪ Facility of interfacing the system to a PC for Programming, error Diagnostics and Calibration to meet GLP standards. Interfaces to be available for Local data acquisition / Enterprise level SCADA. 		
<ul style="list-style-type: none"> ▪ IQ / OQ Documentation to be offered and Validation at site must be included. 		

<ul style="list-style-type: none"> ▪ Facility of slow start / stop to avoid splashing, along with standard fast start / stop (Interchangeable). Auto stop on Door opening as as safety measure – which can be activated or De-activated as and when desired. 		
Service center: Service center in Delhi –NCR. Detail should be provided.		
Instrument detail should be verify on Manufacturer website.		
Company must provide a compliance statement supported by technical literature and website.		
Authorisation certificate from the OEM must be included in the technical bid		
Unpacking and shifting of the instrument including manpower during installation must be in the vendor scope.		
User list must be enclosed for the quoted model supplied to any other institute/Organization in Delhi and NCR.		
Certificate for spare availability upto 10 years for quoted model to be provided from OEM alongwith the technical bid.		
Min.3 Customer satisfactory / performance certificate for specific quoted model from the end user should be included in the quote.		
Warranty 5 years including all spares , PM kit and calibrations of instrument on regular basis as and when required.		
Consumables required during installation to setup the new instrument must be quoted along with the instrument.		
AMC & CMC Charges for the next 5 years after standard warranty must be quoted in optional item		