

# Multimix™ HSD 2103 / 2203

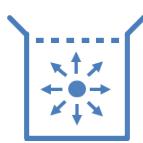


The HSD Series are specially designed for cost-effective and efficient mixing applications in the laboratory and come with a disperser blade as standard. It is widely used to achieve a well dispersed and a homogenous product output. e.g. when powder needs to be well incorporated in the water. Furthermore, all of our HSD mixers are compatible with a great variety of inhouse Multimix® interchangeable attachments to suit your additional needs of mixing or milling. These flexible attachments can be quickly and easily swapped without using any external tools for high usability and helps in reducing downtime and improving efficiency in your daily work.



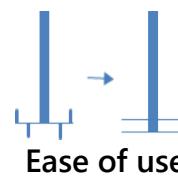
**Flexibility**

Various disperser blade size ranging from 20mm up to 150mm



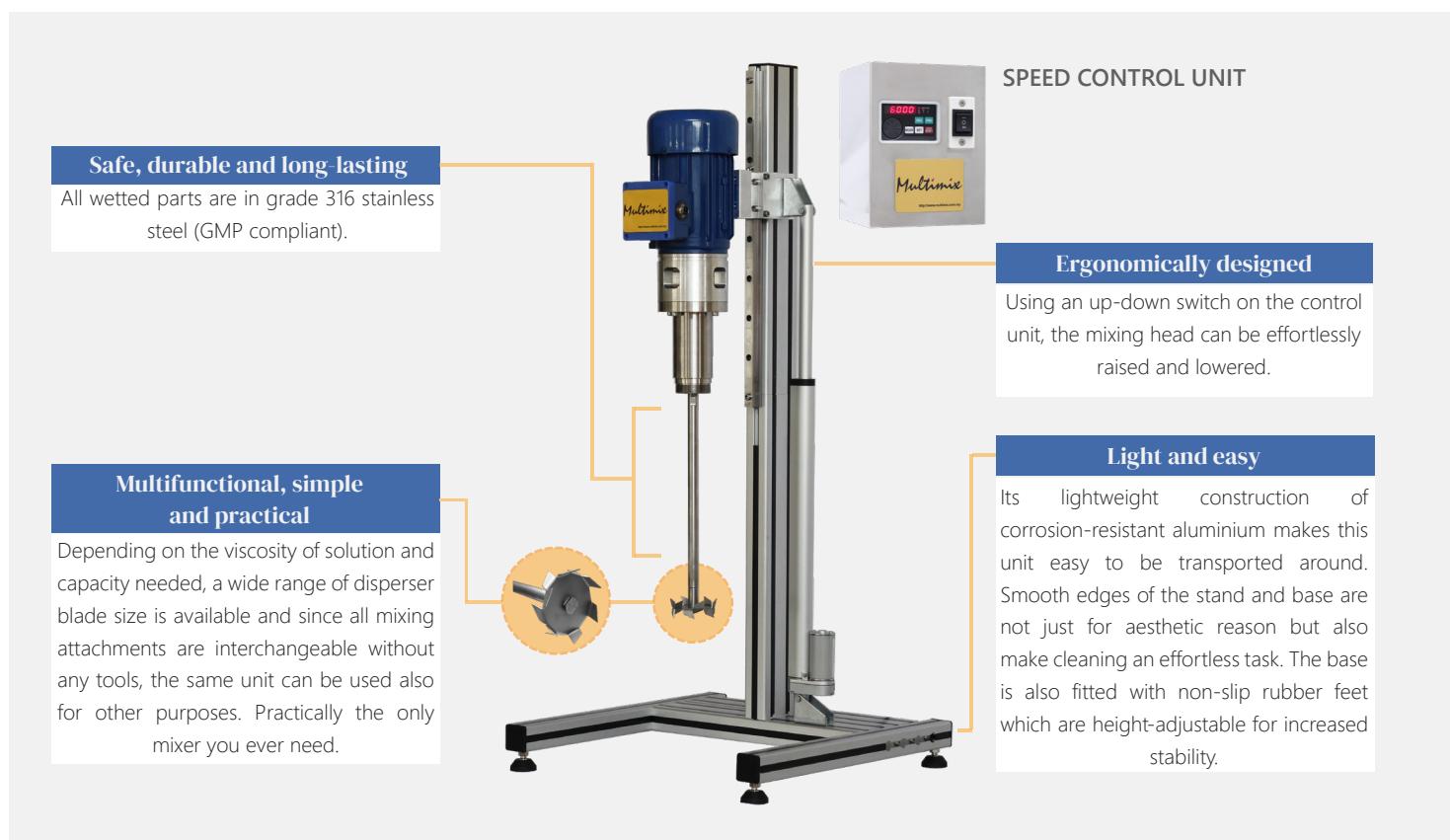
**Efficiency**

Powder dispersion with viscosities up to 75,000 cps



**Ease of use**

Interchangeable attachments using the SAME mixer

**Safe, durable and long-lasting**

All wetted parts are in grade 316 stainless steel (GMP compliant).

**SPEED CONTROL UNIT****Ergonomically designed**

Using an up-down switch on the control unit, the mixing head can be effortlessly raised and lowered.

**Multifunctional, simple and practical**

Depending on the viscosity of solution and capacity needed, a wide range of disperser blade size is available and since all mixing attachments are interchangeable without any tools, the same unit can be used also for other purposes. Practically the only mixer you ever need.

**Light and easy**

Its lightweight construction of corrosion-resistant aluminium makes this unit easy to be transported around. Smooth edges of the stand and base are not just for aesthetic reason but also make cleaning an effortless task. The base is also fitted with non-slip rubber feet which are height-adjustable for increased stability.

**Model****HSD 2103****HSD 2203**

Mixing capacity

1 - 30 Litres

Machine dimensions (LxWxH)

500 x 490 x 1260 mm

550 x 490 x 1260 mm

Weight

25 kg

32 kg

Motor

1HP (0.75kW)

2HP (1.5kW)

Power supply

Single phase, 220V, 50/60Hz

Nominal speed

1000rpm &amp; above (6000rpm under full load)

Speed range

0-6000rpm (variable speed electronically controlled)

Motor height adjustment

Electrical

Mixing component material

Food and medical grade stainless steel 316L

Disperser blade diameter

63mm

83mm

Rotor diameter / stator design (optional)

Either 45mm / Single vortex or 65mm / Double vortex with high shear mixer stabilizer set

Machine base

Corrosion resistant aluminium base with height-adjustable non-slip rubber feet

Add-Ons (optional)

- A. Explosion Proof Motor, Cable or Remote Panel Control
- B. Safety Features e.g. Vessel Clamp
- C. Jacketed Vessel 1L/5L/10L

**Quick Interchangeable Attachments (optional)****MIXING**

High Flow Mixer  
83mm



Quad Paddle Mixer  
83/140/200 mm

**DISPERSING**

Disperser Blade  
43/63/83/103/125/150 mm

**EMULSIFYING**

Single Vortex (Rotor/Stator)  
45/65 mm



Double Vortex (Rotor/Stator)  
65 mm

**MILLING**

Quad Paddle Mixer  
83/140/200 mm



Teflon Disc  
45/65/85 mm



Double Disc  
45/65/85 mm