

# Multimix™ Ekomix 2403

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.



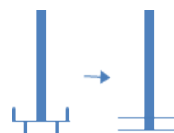
#### Flexibility

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

**Small and cost-effective**

Its small size is designed for small scale production in all industries and ideal for all laboratory work or research and development.

**Safe, durable and long-lasting**

All parts in contact with mixing solvents are in grade 316 stainless steel (GMP compliant).

**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.

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

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

**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****EKOMIX 2403**

Mixing capacity	0.5 - 12 Litres
Machine dimensions (LxWxH)	350 x 360 x 770 mm
Weight	15 kg
Motor	0.5HP (0.37kW)
Power supply	Single phase, 220V, 50/60Hz
Nominal speed	1000rpm & 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	43mm
Machine base	Corrosion resistant aluminium base with height-adjustable non-slip rubber feet

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

High Flow Mixer  
57mm



Triple Paddle Mixer  
63/83 mm

**DISPERSING**

Disperser Blade  
25/30/43/63/83 mm

**EMULSIFYING**

Single Vortex (Rotor/Stator)  
25/35 mm



Double Vortex (Rotor/Stator)  
45 mm

**MILLING**

Triple Paddle Mixer  
63/83 mm



Teflon Disc  
45/65 mm



Double Disc  
45/65 mm