



## Stirrers, overhead, digital, high torque



Mixing applications include industrial pilot plants, research and development, cosmetic mixing of personal care products, pharmaceutical, polymers, adhesives and food.

- High torque overhead stirrer delivers power to mix large batches of viscous product
- Microprocessor control provides accurate, repeatable results in the lab or pilot plant
- Brushless (sparkless) DC motor with overload protection
- Two speed transmission
- Hollow through shaft for easy impeller adjustment
- Chuck guard encloses spinning chuck to protect user and protects chuck from splashes
- Digital display of speed (rpm) and torque (Ncm)
- Set speed maintained as viscosity changes
- Includes zero torque feature
- Safety approved: CE marked

Each stirrer comes with a clear, chemical resistant, hinged chuck guard that snaps onto the stirrer housing. Stands, clamps and stirring impellers are sold separately and required to complete the package. A unique two speed transmission transfers the motor's power to the chuck with 95% efficiency, providing incredible amounts of power.

The keypad allows precise speed adjustments and is sealed to prevent moisture from entering inside the housing. The housing is cast aluminium, totally enclosed and non-ventilated for rugged environments. This line is quiet, dependable and low maintenance.

### Technical Specification - Specific

	12927096	12937096	12947096
Alt. No	BDC1850220SG	BDC3030220SG	BDC6015220SG
Volume, L	80 (max.)	60 (max.)	25 (max.)
Speed, max., rpm	12 to 1,800	20 to 3,000	40 to 6,000
Torque measurement	90,000cps (max.)	50,000cps (max.)	20,000cps (max.)

### Technical Specification - General

Motor, hp	1/5
Mass, kg	5
Dimensions [w x d x h], mm	100 x 200 x 230
Electrical supply	100-240V, 50/60Hz, 12W

Catalogue No	Legacy No	Alt. No	Description
12927096	-	BDC1850220SG	High torque stirrer
12937096	-	BDC3030220SG	All purpose stirrer
12947096	-	BDC6015220SG	High speed stirrer

### Accessories

700000-series				
	Catalogue No	Legacy No	Alt. No	Description
2	12987096	-	A110	Safety stand with 710mm support rod
3	12907106	-	A120	Fastening clamp
4	11920305	-	A150	Square blade impeller, 70mm x 70mm blade
5	11900305	-	A160	Pitched blade propeller
6	12927146	-	U044	Anchor paddle, 100mm x 100mm blade, 9.5mm diameter shaft