

BPC® Move features comparison

	Magnetic stirring	BPC® Move	Classical top mounted agitator
Mixing strenght	Low	Medium to high	High
Mixing efficiency	Poor or Medium	High	High
User Interaction	Low	High	Medium
Operation features	Limited	High	Limited
Product lifetime	Medium	High	High
Cost	Low to medium	Medium	Medium to high
Setting up experience	Easy	Easy	Difficult and requires laboratory stand
Operation experence	Problems with irregular spin or magnets that are out of place	Stable and robust for long term operations	Stable and robust for long term operations
Applidable for both closed-chamber and open-vessel system	No	Yes	No
Noise level	Low	Low (very low noise level in silent mode)	High
Dimension	Compact	Compact	Medium to big
Weight	Light	Light	Heavy
Applicable media	Liquids with low viscosity and suspended solid	Liquids and slurries up to high viscosity and suspended solid	Liquids and slurries up to high viscosity and suspended solid
Typical Usage	Dissolve and disperse chemical solutions	Dissolve and disperse chemical solutions, gas-liquid mixing, disperse high viscosity, solid and particulate media, reactor stirring	Disperse high viscosity and solid content media, particulate media and reactor stirring