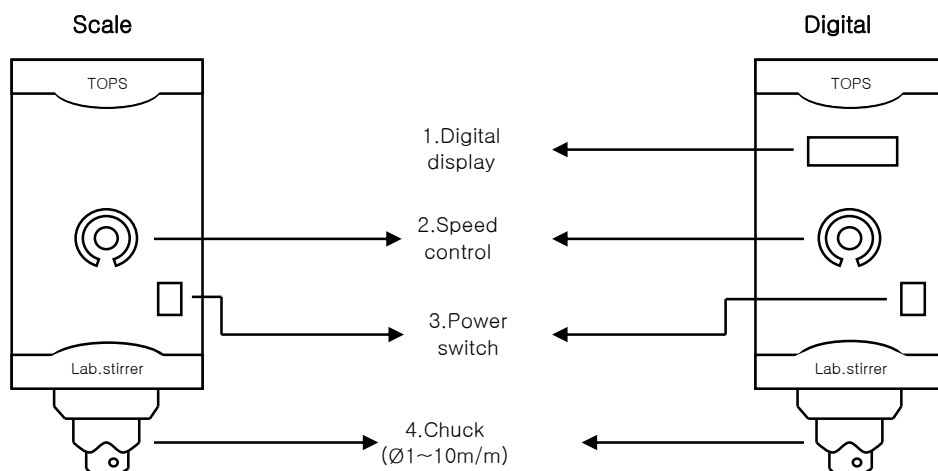


2. Functional Description

MODEL	Electronic overhead stirrer (MS3000 series)							
	MS3020	MS3020D	MS3010	MS3010D	MS3060	MS3060D	MS3030	MS3030D
Stirring capacity (H2O)	20ℓ		30ℓ		40ℓ		80ℓ	
Viscosity (Max.)	10,000mpas (low)		20,000mpas (low,med)		50,000mpas (medium)		100,000mpas (high)	
Motor (out put)	DC motor 60W							
Torque (Max.)	3kg . cm (29.4Ncm)		6kg . cm (58.8Ncm)		10kg . cm (98Ncm)		20kg . cm (196Ncm)	
Speed range	150 ~ 2,000rpm		70 ~ 1,000rpm		50 ~ 600rpm		25 ~ 300rpm	
Speed controller	Feed-back control							
Speed display	Scale	Digital	Scale	Digital	Scale	Digital	Scale	Digital
Chuck range	Ø1 ~ 10mm							
Dimensions (WxDxH)	78 x 180 x 170							
Weight	3.2kg		3.2kg		3.2kg		3.4kg	
Electrical supply	AC220V 50/60Hz							

3. Technical Specifications



1. Speed display : Speed is indicated on LED Display. (Digital Type)
(But, the flicked number on display with turning Volume No. 3 indicates the set RPM.)
2. rpm control volume : Motor rpm control.
3. Main power S/W : Power ON/OFF switch.

4. Operation

- 1) Adjust the volume at "0" and insert a main power cord to AC220V 50/60Hz.
- 2) Turn ON main power S/W(3).
- 3) Set the required speed using speed control volume(2).
- 4) Turn OFF main power S/W.
- 5) Keep clearly taking out main power cord in case that instrument is not used for a long time.

Note:

- 1) Speed can be changed by the volume.
- 2) Turn the volume till the end counterclockwise, then rotation will be stopped.
- 3) Turn the volume to set the speed, then it arrives at the set rpm in a short time and keeps a constant speed by arithmetic logic unit.
(Smooth start function)