

## IKA Vortex Mixer 볼텍스 믹서, IKA MS 3

Cat. No.	Model	Type	Timer	EA Price ₩
M04-05-115	3617000	MS 3 basic ①	No	1,100,000
M04-05-127	20016017	MS 3 control ②	Yes(Digital)	2,120,000

- 실험실의 작은 용기를 Shaking 하는데 사용하는 Mini Shaker
- 여러종류의 실험실 용기를 사용할 수 있도록 하는 다양한 Attachment
- 부착한 Attachment의 인식 기능
- Two Operation Mode
  - Mode A (Safe Mode with Attachment Detection)
    - : Standard Attachment (MS3.1 in Touch mode)를 사용할 경우에는 3,000 rpm 가능하나 다른 Attachment에서는 1,300 rpm으로 가동
  - Mode B (Without Attachment Detection)
    - : 모든 Attachment를 3,000 rpm에서 사용가능함
- Countdown Timer 기능이 있어 정밀한 실험 수행에 효과적 (Only MS 3 digital)
- 구성
  - MS 3 basic : MS 3 basic, MS 3.1 Standard Attachment, MS 3.3 Universal Attachment, MS 1.21 One-hand Insert
  - MS 3 digital : MS 3 digital, MS 3.1 Standard Attachment, MS 3.3 Universal Attachment, MS 1.21 One-hand Insert, MS 3.4 Microtiter Attachment and MS 1.32 Test Tube Insert
- Protection class acc. to DIN EN 60529 (IP21)
- IKA



Cat. No.	M04-05-115	M04-05-127
Type	MS 3 basic	MS 3 Control
Motor Rating (In/Output)	10 / 8 W	
Speed	200 ~ 3,000 rpm	100 ~ 3,000 rpm
Orbital Diameter	4.5 mm	
Speed display	Scale	LCD
Timer	No	1 sec ~ 3599 min
Operation	Continuous / Touch Operation	Timer and continuous / Touch Operation
Size / Weight	w148×d205×h63 mm / 3.16 kg	
Power	100 ~ 240V, 50/60 Hz	

### Optional Accessory

Cat. No.	Model	Type	Description	EA Price ₩
M04-05-502	3426300	MS 3.1	기본 - Ø50 mm까지 사용	55,000
M04-05-507	3426600	MS 3.3	Universal - for Various Form	50,000
M04-05-513	3426400	MS 3.4	for Microtiter Plate	260,000
M04-05-515	3428000	MS 3.5	for PCR Plate (96 well)	160,000
M04-05-519	L001540	MS 1.21	Universal - One Hand Insert	70,000
M04-05-524	L001840	MS 1.31	for Ø10 mm (up to 14 Tubes)	130,000
M04-05-530	L001850	MS 1.32	for Ø12 mm (up to 6 Tubes)	130,000
M04-05-536	L001860	MS 1.33	for Ø16 mm (up to 4 Tubes)	130,000
M04-05-542	L001830	MS 1.34	Customizable Attachment	80,000

- ③ MS 3.1 : Spare Standard Attachment
- ④ MS 3.3 : Spare Universal Attachment - For Various FoamInsert
- ⑤ MS 3.4 : Microtiter Attachment - For Use with a Microtiter Plate
- ⑥ MS 3.5 : PCR Plate용
- ⑦ MS 1.21 : Spare One-hand Insert
- ⑧ MS 1.31 : Test Tube Insert - For 14 Test Tubes Ø10 mm
- ⑨ MS 1.32 : Test Tube Insert - For 6 Test Tubes Ø12 mm
- ⑩ MS 1.33 : Test Tube Insert - For 4 Test Tubes Ø16 mm
- ⑪ MS 1.34 : Test Tube Insert - For Any Number of Bore Holes

