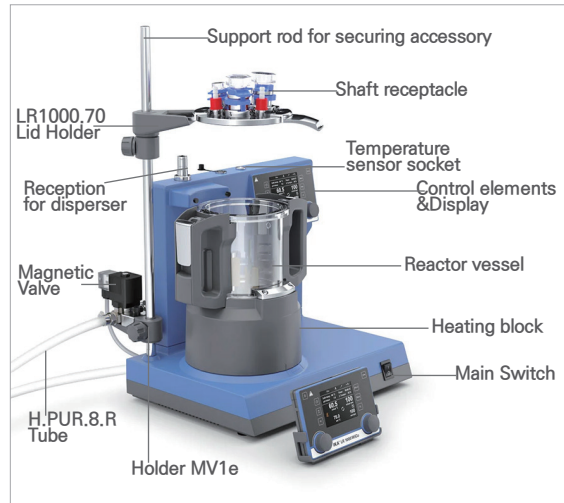


IKA LR1000 Compact High Viscosity Reactor IKA LR1000 소형 고점도 반응기

Cat. No.	Model	Description	EA Price
R04-05-012	20119960	LR 1000 Basic System	17,170,000
R04-05-013	25001991	LR 1000 Control System	25,150,000

- 실험실 규모에 최적화된 높은 가성비 모듈식 반응기
- Mixing, Dispensing, Homogenization applications에 적합
- 화장품 및 제약 산업 등에서의 응용, 요구 사항에 맞게 설계
- ULTRA-TURRAX® T 25 digital 과 함께 사용 가능 (Option)
- PTFE 스크래퍼가 부착된 Anchor Stirrer 사용 가능 (Option)
- Labworldsoft® Software(Optional)로 PC제어 가능
- 냉각수 제어 프로그램용 Magnetic Valve 사용 가능 (Option, Control Only)
- Torque Display로 점도 변화 확인 가능(Control Only)
- Protection class acc. to DIN EN 60529 (IP21)
- IKA

Cat. No.	R04-05-012	R04-05-013
Model	20119960	25001991
Useable volume max.	1000 ml	
Useable volume with disperser tool min.	500 ml	
Working temperature max.	120 °C	
Attainable vacuum	25 mbar	
Viscosity max.	100000 mPas	
Speed Range	10 - 150 rpm	
Support rod diameter (with integrated fastening on stand)	16 mm	
Material in contact with medium	AISI 316L, 1.4571, Borosilicate glass 3.3, PTFE, PEEK, FFKM	
Reactor vessel openings (units/standard)	1/NS 29/32, 3/NS 14/23	2x NS 29/32, 2x NS 14/23 & 2x GL 14
Temperature measurement resolution	0.1 K	
Nominal torque	3 Nm	
Heat output	1000 W	
Cooling medium permissible operating pressure	1 bar	
Speed min (adjustable)	10 rpm	
Heating temperature max.	180 °C	
Cooling medium temperature min.	3 °C	
Set temperature resolution	±1 K	
Heat control accuracy of medium with sensor	±0.2 K	
Speed deviation	±5 rpm	
Speed, Temperature display	7 segment LED	TFT
Heat control	LED	TFT
Connection for ext. temperature sensor	PT 100	
Timer display	7 segment LED	TFT
Speed adjustment	1 RPM steps	
Working temperature sensor	X	PT 100
Safety temperature sensor	X	PT1000
Working temperature display	X	TFT
Safety temperature display	LED	TFT
Weighing range max. / resolution	X	2000 g / 1 g
pH Measuring range / resolution	X	0 - 14 pH / 0.1 pH
Stirring element fastening MV1 interface	X	O
pH meter interface / Value display	X	TFT
Dimensions (W x D x H)	w443 x d295 x h360 mm	
Weight	22 kg	23 kg
Environmental Conditions	Temp. 5 - 40 °C / Humidity 80%	
Interface	RS 232, USB	RS 232, USB, Bluetooth
Voltage / Frequency / Power input	230 V / 50/60 Hz / 1200 W	



기본 구성

Cat. No.	R04-05-012	R04-05-013
Model	20119960	25001991
구성	LR 1000 Basic base, LR 1000.1 Laboratory reactor vessel, LR 1000.61 Sensor receptacle, PT 100.30 Temperature sensor, Support rod, for securing accessories, Hose connectors for cooling hoses (2 pcs.)	LR 1000 Control base, LR 1000.3 Laboratory reactor vessel, LR 1000.10 Anchor stirrer with PEEK scrapers, LR 1000.62 Receptacle, PT 100.30 Temperature sensor, Silentstream, Support rod, Hose connector (2 pcs), USB A-Micro B Cable, 2 m

• Optional Accessory는 홈페이지 참조