

IKA C6000 Calorimeter

IKA C6000 열량계

Cat. No.	Model	Description	기본 포함 Option	EA Price
C30-05-110	10004520	C 6000 global standards Package 1/10	C6010, RC2 Basic	76,160,000
C30-05-112	10004521	C 6000 global standards Package 1/12	C6012, RC2 Basic	81,790,000
C30-05-114	10004522	C 6000 global standards Package 2/10	C6010	69,310,000
C30-05-116	10004523	C 6000 global standards Package 2/12	C6012	74,940,000
C30-05-118	10004524	C 6000 isoperibol Package 1/10	C6010, RC2 Basic	65,610,000
C30-05-120	10004525	C 6000 isoperibol Package 1/12	C6012, RC2 Basic	71,250,000
C30-05-122	10004526	C 6000 isoperibol Package 2/10	C6010	58,760,000
C30-05-124	10004527	C 6000 isoperibol Package 2/12	C6012	64,400,000



- 다량 샘플 측정 시 적합 (폭발성 샘플 사용 불가)
- Spherically-shaped 연소 용기로 열전달 개선 및 짧은 측정 시간
- Inverted 도가니 홀더로 측정 준비 용이
- RFID로 분해 용기 감지
- 3가지 측정 시작 온도 제공 : 22 °C, 25 °C, 30 °C
- TFT Touchscreen Display
- C6000 Package x/12 : 할로겐 내성 연소챔버로 할로겐 및 황을 포함한 샘플 연소용
- Automatic Function : 산소 충전, Degassing, Flushing, 급수 및 배수
- 점화 및 점화에너지 결정 자동
- RC2 냉각 조건은 매뉴얼 참조
- Protection class according to DIN EN 60529 (IP20)
- IKA

- Working Mode
 - Global Standards Package : Adiabatic, Isoperibol, Dynamic
 - Isoperibol Package : Isoperibol, Dynamic
- Package 분류
 - Package (1/10, 1/12) : IKA RC 2 basic Circulator 포함
 - Package (2/10, 2/12) : 냉각용 Circulator 미포함, 타사 제품 사용 가능
- 데이터 관리 : USB Interface 및 인터넷 인터페이스 (FTP Server)
- 교정 및 발열량 보정에 대한 소프트웨어 제공 (Global Standards or Isoperibolic 제어 차트 포함)

Model	10004520	10004521	10004522	10004523	10004524	10004525	10004526	10004527
Decomposition Vessles	C6010	C6012 Halogen Resistant	C6010	C6012 Halogen Resistant	C6010	C6012 Halogen Resistant	C6010	C6012 Halogen Resistant
Chiller	RC2 Basic		X	RC2 Basic		X		
Measuring Range max.	40,000 J / 9,560 cal							
Temperature Measurement resolution	0.0001 K							
Oxygen Operating Pressure max.	40 bar							
Reproducibility (1g benzoic acid NBS39i)	0.05 to 0.15 % RSD							
Measurements per hour	Isoperibol 4 / Dynamic 6 / Adiabatic 5							
Decomposition Vessels	4							
Interface Printer	USB-B, Ethernet							
Interface PC / Balance	9 pin (M) RS 232 serial							
Calorimeter Standards	Analysis according to DIN 51900 / ASTM D240 / ASTM D4809 / ASTM D5865 / ISO 1928 / GB T213 Works according to DIN 51900 / DIN EN ISO 1716 / DIN EN ISO 9831 / DIN EN 18125 / DIN EN 15170 / DIN EN 151400 / DIN CEN TS 14918 / DIN CEN TS 16023 / DIN SPEC 19524 / ASTM D240 / ASTM D4809 / ASTM D5468 / ASTM D5865 / ISO 1928 / GB T213 / GOST Certified							
Weight	29 kg (Body Only)							
Dimension W×D×H	500 × 450 × 450 mm							
Environmental Conditions	Temp. 20 - 30 °C / Humidity 80%							
Power Supply	220 - 240 V / 50-60 Hz / 1700W							

Recommended method of operation in working mode

Room temperature	22 °C	25 °C	30 °C
Cooling temperature	12 °C - 20 °C Operation at water connection 17 °C - 20 °C Operation with condenser	20 °C - 23 °C	23 °C - 27 °C
Working mode global standard	Adiabatic 22 °C Isoperibol 22 °C Dynamic 22 °C	Adiabatic 25 °C Isoperibol 25 °C Dynamic 25 °C	Adiabatic 30 °C Isoperibol 30 °C Dynamic 30 °C
Working mode isoperibol	Isoperibol 22 °C Dynamic 22 °C	Isoperibol 25 °C Dynamic 25 °C	Isoperibol 30 °C Dynamic 30 °C