

## IKA Screening System IKA 스크리닝 시스템

Cat. No.	Model	Cell	Description	EA Price
E20-05-163	40003642	Undivided	Screening System Package (8 Cells)	38,500,000
E20-05-161	40003631	Divided	Screening System Package (6 Cells)	41,830,000

- 구성 : Reaction block, Electrolysis cells, Power supply, IKA Plate (RCT digital) & PT1000 Temperature Sensor, Cable Set, Screwdrive, RS 232 cable PC 1.1, USB RS 232 converter 4 Ports, Electrode graphite (16 pcs)
- Multibatch Galvanostatic Electrosynthesis 적합
- Batch Cells 조합을 통해 동시에 여러 Probe 사용
- 다른 장비와 시스템화 가능
- 설정 매개변수로 Parallel Batch 전기 합성
- 각 셀을 별도 제어 가능
- GC, LC 및 NMR 분석을 위해 충분한 합성 가능
- 동일 샘플 또는 다른 샘플을 쉽게 전기 분해 시험 가능
- 각각의 셀에 여러 종류 전극 장착 가능
- Test parameter 디지털 기록 가능
- 혼합 및 가열 동시 작동
- Heating Block을 PT1000으로 온도 제어
- Labworldsoft6.0 소프트웨어로 제어 및 자동화
- Single-Cell Screening System은 각각의 셀을 반응에 맞춰 조정 가능 (Undivided 8 cells)
- Double(Divided) Cells는 Screening System 에서 병렬 작동(6 Cells)
- Divided Reaction Cells 원리 및 장점
  - 별도 전극 구획이 Glass frit으로 연결된 Reaction Block
  - 전기 화학 반응은 하나 반응액은 분리된 상태
  - 산화된 액체와 환원된 액체의 혼합 방지
  - 반응물이 상대 전극에 안정적이지 않을 때 적합
- IKA



40003642



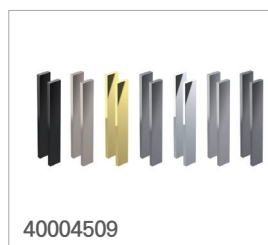
40003648



40003647



20015943



40004509



20110375

Cat. No.	E20-05-163	E20-05-161
Model	40003642	40003631
Voltage output	0 - 32 V (± 1 mV)	
Power output	0 - 10 A < 1 A (± 0,2 mA) ≥ 1 A (± 1 mA)	
Supply voltage	115 or 230 V (50 Hz/60 Hz)	
Functions	Galvanostat	
Magnetic Stirrer RPM	0 - 1500 rpm	
Number of cells	8	6
Volume-Cell	8 ml	
Material-Cell	PTFE	
Temperierung	RT to 100°C	

### Accessory - Reaction Block and Cell

Cat. No.	Model	Description	EA Price ₩
E20-05-177	40003648	Reaction Cells Set (Undivided 8 Cells)	3,470,000
E20-05-175	40003647	Reaction Cells Set (Divided 6 Cells)	6,930,000
E20-05-173	20015943	Reactions block (Undivided 8 Cells)	4,240,000
E20-05-171	20015936	Reactions block (Divided 6 Cells)	7,710,000

### Other Accessory

Cat. No.	Model	Description	EA Price ₩
E20-05-341	20110375	SC.MF.CP.UDIV Manifold cap	430,000
E20-05-343	20110376	SC.MF.CP.DIV Manifold cap	410,000
E20-05-345	20110119	SC.MF Manifold	300,000
E20-05-237	20023690	Labworldsoft 6 Screening System	2,700,000

### Accessory - Electrode

Cat. No.	Model	Description	EA Price ₩
E20-05-179	40003932	0.7 BDD	15,010,000
E20-05-181	40003670	0.7 Glassy Carbon	3,720,000
E20-05-183	40003954	0.7 Graphite SK-50	640,000
E20-05-185	40003678	0.7 Platinum	2,280,000
E20-05-235	20023860	0.7 Platinum on ceramic	1,360,000
E20-05-187	40003934	0.7 Gold	1,450,000
E20-05-189	40003938	0.7 Silver	1,120,000
E20-05-191	40003935	0.7 Nickel Foam	310,000
E20-05-193	40003669	0.7 Graphite V2100	2,560,000
E20-05-195	40003671	0.7 Nickel	1,750,000
E20-05-197	40003672	0.7 Stainless Steel	970,000
E20-05-199	40003673	0.7 Lead	1,900,000
E20-05-201	40003674	0.7 Lead Bronze	1,250,000
E20-05-203	40003675	0.7 Copper	830,000
E20-05-205	40003677	0.7 Magnesium	1,750,000
E20-05-207	40003680	0.7 Zinc	1,650,000
E20-05-209	40003682	0.7 Aluminum	2,050,000
E20-05-211	40003933	0.7 Cobalt	1,190,000
E20-05-213	40003936	0.7 Niobium	1,090,000
E20-05-215	40003939	0.7 Tin	940,000
E20-05-217	40003940	0.7 Titanium	870,000
E20-05-219	40003941	0.7 Tungsten	1,250,000
E20-05-221	40003937	0.7 RVC	1,510,000
E20-05-223	40004509	0.7 Sampler Kit	5,550,000
E20-05-225	40003646	0.7 Starter Kit	17,050,000