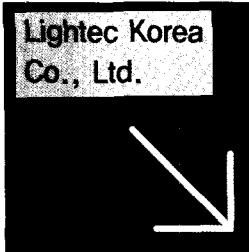


Best Products of Member Companies



www.lighteckorea.co.kr

라이텍코리아(주) Lightec Korea Co., Ltd. (광주 / Gwangju)

대표 : 심상인 CEO : Sang-In Shim

제품명 : Hyper Shot (LED 경관조명) Hyper Shot (LED scenery lighting)

Specifications

Items	Specification	
Color Range	16.7million(24-bit)additive RGB colors	
색상변화	Color Gradation	48 bit additive RGB colors
컨트롤	Control	DMX512(RS485)
사용채널	Used Channel	3ch
칩	Source	High power LED(R12/G12/B12)
전력요구량	Power Requirement	24 VDC
소비전력	Power Consumption	50W(1W Lamp)/85W(3W Lamp)Max,at full intensity(full RGB)
전력공급	Power Supply	LK-IPG 150PW/LK-IPG 320PW;24 VDC
보호장격	Protection Rating	Indoor / Outdoor(IP66)
크기	Size	351x238x135(W.H.D)mm



E-mail: dsshin01@hanmail.net

(주)더선테크 DEOSON TECH Co., Ltd. (서울 / Seoul)

대표 : 신동석 CEO : Dong-Suk Shin

제품명 : LED 객실등 LED Passenger compartment Lamp

Specifications

특성	Quality	사양
정격	Input Voltage	AC 220V, 60Hz, ≥28W
광효율	luminous Efficiency	80 lm/W
색온도	Color Temperature	5,700K
연색성	Color Index(CRI)	≥70
수명	Life Time	50,000Hr
재질	Material	AL, PC
무게	Weight	5,260g

Best Products of Member Companies



Seoul Marine Co., Ltd.

www.seoul-marine.com

서울마린(주) Seoul Marine Co., Ltd. (서울 / Seoul)

대표 : 최기혁 CEO : Gi-Hyuk Choi

제품명 : HIT태양전지모듈 HIT Solar Cell Module

제품특징

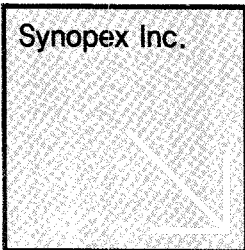
- 국내 결정질 태양전지 인증모듈 중에서 최고 효율을 인증 받음.
- 결정질 태양전지모듈 중에서 가장 우수한 출력온도계수를 가지고 있음.
(출력온도계수 : $-0.29 \sim -0.33\% / ^\circ\text{C}$)
- 세계시장에서 10년이상 검증된 제품으로 국내에 이미 23MW이상 설치되었음.
- 국내 최상의 설치 이용률을 자랑하는 태양광 발전소들은 모두 HIT태양전지모듈 적용

Product Features

- Certified as the product with the highest efficiency among crystalline solar cell modules in the Korean market
- Has the best output temperature coefficient compared among crystalline solar cell modules (*output temperature coefficient : $-0.29 \sim -0.33\% / ^\circ\text{C}$)
- With more than 10 years of service history in the global market, more than 23 MW worth of solar cell modules are already installed in Korea.
- All of solar power plants with the highest utilization rate in Korea use HIT solar cell modules.

Specifications

Model		200BKHK1-S	205BKHK1-S	205NKHK1-S	210NKHK1-S	200B2-BO-01
Max Power (Pmax)	(W)	200	205	205	210	200
Max Output Voltage (Vmp)	(V)	59.5	59.3	40.7	41.3	55.8
Max Output Current (Imp)	(A)	3.36	3.46	5.05	5.09	3.59
Open Circuit Voltage (Voc)	(V)	73	73.1	50.3	50.9	68.7
Short-Circuit Current (Isc)	(A)	3.62	3.74	5.54	5.57	3.83
Guaranteed Minimum Output(Pmin)	(W)	190	194.75	194.75	199.5	190
Output Difference	(%)	-2	-2	-2	-2	-2
Max. System Voltage	(V)	600	600	600	600	600
Max. Output Temp. Coefficient	(%/°C)	-0.3	-0.3	-0.3	-0.3	-0.29
Open Circuit Voltage Temp. Coefficient	(V/°C)	-0.183	-0.183	-0.126	-0.127	-0.172
Short-Circuit Current Temp. Coefficient	(mA/°C)	0.83	0.86	1.66	1.67	0.88
Weight	(KG)	15.5	15.5	15	15	14
	W	894	894	812	812	894
Standard	(MM)	L 1424	1424	1580	1580	1319
	D	35	35	35	35	35



Synopex Inc.

www.synopex.com

(주)시노펙스 Synopex Inc. (경북 / Gyeongbuk)

대표 : 손경익 CEO : Kyoung-Ik Son

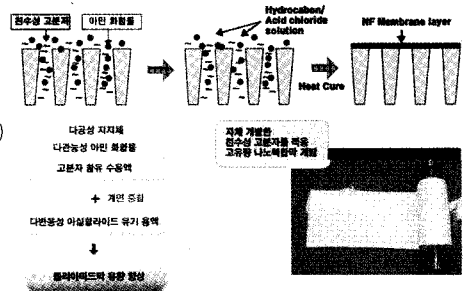
제품명 : 나노복합분리막 Compound Nano Membrane

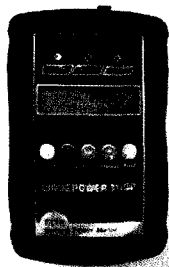
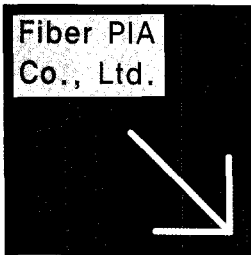
Product Features

- 친수성 고분자를 적용한 고유량 나노복합막
- High-flow compound nano membrane with hydrophilic polymer
- 투과율 및 2가염제거율 타사대비 우수(운전비용 절감)
- Enhanced permeability and removal of bivalent base (lower operation cost)

Application

- 수처리분야 : 해수담수화, 해양심층수
- Water Treatment : Desalination, Deep Seawater
- 폐수처리분야 : 축산폐수, 염료/도료
- Waste Water Disposal : Farming Wastes, Paints/Dyes
- 식품/생물공정분야 : 발효식품 정제 농축
- Food / Bioprocessing : Refining and concentration of fermented food





www.fiberpia.co.kr

㈜파이버피아 Fiber PIA Co., Ltd. (대전 / Daejeon)

대표 : 한승완 CEO : Seung-Wan Han

제품명 : 광파워메타 (Model : LS-3FP) Optical Power Meter (Model : LS-3FP)

제품특징

- 배터리 내장으로 외부전원이 없어도 사용
- 0 ~ -5 dBm의 강력한 출력
- LED를 통한 간편한 출력파장 확인
- 심플한 interface

Product Features

- Operates on built-in battery power (no need for external power supply)
- Higher Output of 0 ~ -5 dBm
- Convenient measurement of output wavelength via LED
- Simple interface

응용

- FTTH - E-PON device testing - Connector loss testing

Applications

- FTTH - E-PON device testing - Connector loss testing

Specifications

Parameter	Unit	Typical	Note
Central wavelength	nm	LS-3FP 1310	
Output power	dBm	-3	Adjustable 1dB steps
Short term stability	dBm	0.1	5 Min max
Long term stability	dBm	0.03	
Fiber pigtail		SMF-28	
Output connector		SC	Interchangeable
Output Ferrule		UPC	
Auto of	Min.	10	
Battery power	V	One 9V alkaline cell	optional 9V AC adapter
Battery life	hrs	30	
Accessories		9V AC adaptor, operation Manual	
Operating temperature	°C	-5~65	
Storage temperature	°C	-20~70	
Relative Humidity		95% RH from 0~40°C	



www.eotechnics.com

㈜이오테크닉스 EO Technics Co., Ltd. (경기 / Gyeonggi)

대표 : 성규동 CEO : Gyu-Dong Sung

제품명 : SLD series

제품특징

- SLD 시리즈는 속도가 빠르며 물딩 컴파운드, 반도체 표면에 마킹하는데 있어 뛰어난 빔 품질을 갖고 고도의 성능을 갖춘 DPSS 레이저 사용
- 싱글헤드나 듀얼헤드로 제작 가능하며 옵션으로 낮은 파장을 갖는 그린 레이저로도 제작 가능

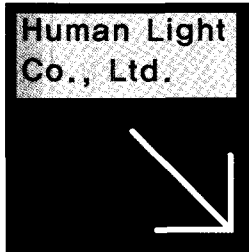
Product Features

- The SLD series has higher speed and excellent beam quality in molding compound or marking on the surface of semiconductors and uses high performance DPSS laser.
- The equipment can be offered either with single head or dual heads. Green laser with lower wavelength is also available as an option.

Specifications

Items	Model	SDL400 / 402
Laser head	Wavelength(nm)	1064
	Line width(μm)	60~150
	Max. markingspeed(character/sec)	1000/2000
	Marking field(mm)	184X322
Controller	CPU	Pentium4
	RAM	512MB
	HDD	80GB
	O/S	Windows XP
	Software	MIME
Utilities	Laser electricity	220VAC, Single Phase, 50/60Hz, 20A
	Cooling type	Water cooled

Best Products of Member Companies



www.humanlightinc.com

(주)휴먼라이트 Human Light Co., Ltd. (광주 / Gwangju)
 대표 : 박인식 CEO : In-Sik Park
 제품명 : 8CH CWDM Media Converter

Product Features

- 100BaseTx to 100BaseFx converter
- LED Indication for Converters
- Plug and Play Operation
- 16 front panel slots
- Optional redundant Power Supply
- Max 32CH extension
- 80km transmission in module type
- One fiber Rx/Tx
- 100BaseFx 변환기에 100BaseTx
- 변환기를 위한 LED 표시
- 플러그 앤 플레이 가동
- 16 전면 패널 슬롯
- 선택적 초장압 전력 공급
- 최대 32CH 연장
- 단위 유형에서 80km까지 전송
- 1개의 섬유 Rx/Tx에 있는 80km 전송

Specifications

Item	Spec	Remark
TP interface	10/100BaseTx	Auto
Fiber port	100BaseFx	
Optical output	-15dBm min.	
Wavelength	1470nm - 1610nm	2 fiber
Sensitivity	-36dBm min.	
Optical fiber	9/125	S.M. fiber
Power	220V, 150W	
Operating TEMP.	0~70°C	

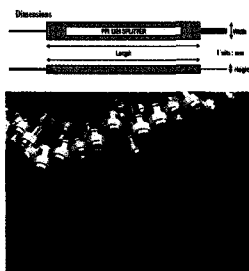


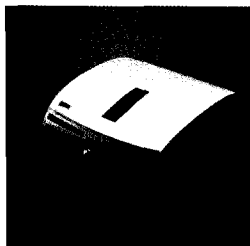
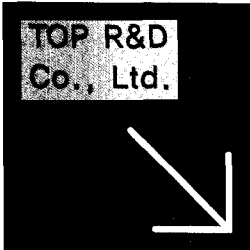
www.pptek.com

(주)피아이 Photonics Planar Integration Technology Inc. (광주 / Gwangju)
 대표 : 김진봉 CEO : Jin-Bong Kim
 제품명 : 파워 스플리터 Power Splitter Symmetric 1xN type : 1x2, 1x4, 1x8, 1x16, 1x32, 1x64ch Splitter

Specifications

Items	Wavelength Range(nm)	Ilmax(dB)	IL Uni. (dB)	PDL (dB)	Dimensions(mm)		
					Width	Height	Length
1x2	1260~1650	≤3.8	≤0.6	≤0.2	4	4	40
1x2 L					7	4	≤55
1x4		≤7.5	≤0.6	≤0.2	4	4	40
1x4 L					7	4	≤55
1x8		≤10.5	≤0.8	≤0.2	4	4	40
1x8 L					7	4	≤55
1x16		≤12.6	≤1.0	≤0.3	7	4	≤55
1x16 L					12	4	≤60
1x32		≤17.0	≤1.3	≤0.3	7	4	≤55
1x64		≤20.4	≤2.0	≤0.3	15	4	≤60





www.top-rd.com

(주)탑알앤디 TOP R&D Co., Ltd. (광주 / Gwangju)

대표 : 김규하 CEO : Gyu-Ha Kim

제품명 : LED 발광 석션기 LED Radiation suction Device

제품특징

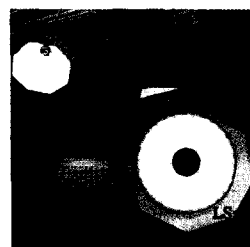
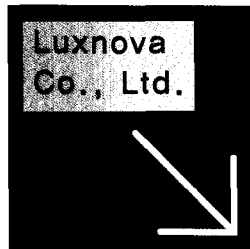
- Suction과 광원조사를 동시에 하는 일체형 카테터를 적용하여
 시술 편의성 증대
- 환부에 LED광원을 조사시 무해함생체적합성평가 완료 : 전남대 병원
- UV, IR 등이 발생되지 않으며 선택된 파장만 조사 가능
- 광원의 수명이 10,000시간 이상이며, 유사광원대비 소비전력이
 매우적어 경제적인
- 광원조작 스위치를 터치스위치 Type으로 적용하여 세균 감염원 차단
- 광원모듈이 카테터에 내장된 일체형과 카테터와 별도의 광원발생기에
 분리된 분리형의 2Type으로 개발되어, 시술부위나 환자의 상황에 따라
 선택적 사용 가능

Product Features

- Enhances surgical convenience by using united catheter that performs suction
 and light source projection simultaneously
- No harm when projecting LED light source on the affected area (biocompatibility
 evaluation completed: Jeonnam National University Hospital)
- No UV, IR are detected and selective projection is available.
- Light source life span is over 10,000 hr, which is economical with very low
 power consumption compared to that of similar light source
- Blocks sources of infection by touch switch type for light source control
- 2 types of light source module(catheter built-in type and separate type with
 separate light source generator) are available depending on the affected area or
 patient's condition.

Specifications

Technical Data	
Illuminance Flux(ℓ m) of light Source	> 100ℓ m
Colour Temperature	4,500 ~ 6,500 K
Colour Rendering Index	> 70
Dimming Range	5 Step
Temperature increased by the lights source in the working distance	< 3 °C
Life Cycle of the light source	< 10,000 h



www.luxnova.co.kr

(주)룩스노바 Luxnova Co., Ltd. (경기 / Gyeonggi)

대표 : 유희숙 CEO : Hee-Suk Yu

제품명 : LED 엠파니소 호박등 LED Emphanizo Jack-O'-Lantern

제품특징

- 입력전압 : AC80~240V
- 주파수 : 50~60Hz
- 입력전력 : 47W
- 한지를 이용하여 한국적인 아름다움을 가미한 작품으로
 고급스러우며 아름답고 등의 색은 다양함

Product Features

- Input Voltage : AC80~240V
- Frequency : 50~60Hz
- Input Power : 47W
- Emphasized the traditional beauty of Korean with Hanji
 (Korea traditional paper): showing the beautiful and elegant
 color with wide color range.