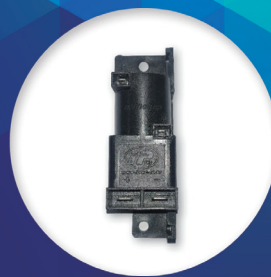


The Leader of Ignition Transformer

IPTec CO., LTD.



IPTec CO., LTD.



Greeting

안녕하십니까?

당사는 1994년 창사이래 가스 및 석유기기의 점화기(Ignitor)만을 전문적으로 생산/공급하고 있으며 고객의 신뢰를 바탕으로 최고 품질의 제품을 제공하고 있습니다.

특히, 대한민국 국내 점화기 시장을 압도적으로 석권하여 국가대표 점화기로서 명성을 떨치고 있습니다. 2015년 북미, 일본, 중국에 수출을 시작으로 유럽까지 그 영역을 확대하여, 안정적인 영업활동을 진행중입니다.

지속적인 성장과 발전을 할 수 있도록 성원해주신 모든 분들께 저희 아이피텍(주)의 임직원을 대표하여 깊이 감사드립니다.

How are you?

Since 1994, we specialize solely in producing Ignitor's Ignition Devices for gas and petroleum, providing the highest quality products based on customer confidence.

In particular, the Republic of Korea overwhelmingly dominated the local Ignitor market and achieved its reputation as a national player. In 2015, we expanded our territory to North America, Japan, Europe, and China, we are conducting stable business activities.

For everyone who supports sustained growth and development, Thank you very much for representing our IPTEC staff.

Organization



IPTec, Electronic Ignitor Manufacturer

History

- 1994. 12** 아이피텍(주) 설립
IPTec founded
- 1997. 06** (주)경동나비엔 거래개시
Began supplying parts to Kyung Dong Navien
- 2004. 06** ISO 9001 품질경영 시스템 인증취득
Obtained ISO 9001 Quality Management System certification
- 2005. 03** INNO-BIZ 기업 지정(중기부)
Selected as a INNO-BIZ company (Ministry of SMEs and Startups)
- 2010. 04** 가스용 점화트랜스 CE, CSA 규격인증 취득
Obtained CE standard certification for gas Ignitor transformer
- 2012. 09** 오일용 점화트랜스 특허등록
Registered patent for oil Ignitor transformer
- 2013. 03** 기업부설 연구소 설립
Established company research center
- 2013. 12** 오일용 점화트랜스 CE, CSA 규격인증 취득
Obtained CE standard certification for oil Ignitor transformer
- 2015. 03** 직접수출 개시(미국, 일본, 중국)
Began direct export (U.S., Japan, China)
- 2016. 06** 수출유망 중소기업 지정(SMBA)
Selected as a promising small exporter (by SMBA)
- 2016. 07** Pre-Star 기업 지정(대구광역시)
Selected as a Pre-Star Company (Daegu)
- 2017. 09** 점화트랜스 특허등록(조립구조)
Registered patent for Ignitor transformer (assembly structure)
- 2017. 10** 국무총리표창 수상
Prime minister citation

Patent

산업 재산권



재산권명	발행처	등록번호	등록일자	세부권리사항
실용신안등록증	특허청	제07303239호	2003. 01. 22	착화용 점화코일 어셈블리
특허증	특허청	제10-1246086호	2013. 03. 15	고주파용 점화트랜스
특허증	특허청	제10-1784458호	2017. 09. 27	개량된 조립구조를 갖는 점화트랜스

Property Name	Registrar	Registration No.	Registration Date	Detailed Rights
Utility Model Registration Certificate	Korean Intellectual Property Office	No. 07303239	22-Jan-03	Ignitor coil assembly
Patent Certificate	Korean Intellectual Property Office	No. 10-1246086	15-Mar-13	High-frequency Ignitor transformer
Patent Certificate	Korean Intellectual Property Office	No. 10-1784458	27-Sep-17	Ignitor transformer with an improved assembly structure

Certificate

특허, 인증 및 표창



특허증 : Patent



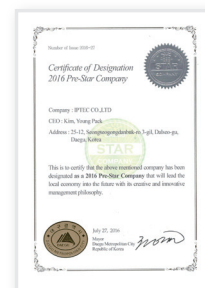
Certification-CE(IPGS-230S)



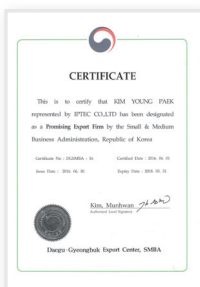
Certification-CSA
(IPO-120S / IPGS-120S)



ISO9001



Pre-스타기업 (대구광역시)
Pre-Star Corporation (Daegu City)



수출유망중소기업-중소기업청
Promising Export Firm - Export Center



Certification-CE(IPG-501B)



Certification-CE(IPO-230S)



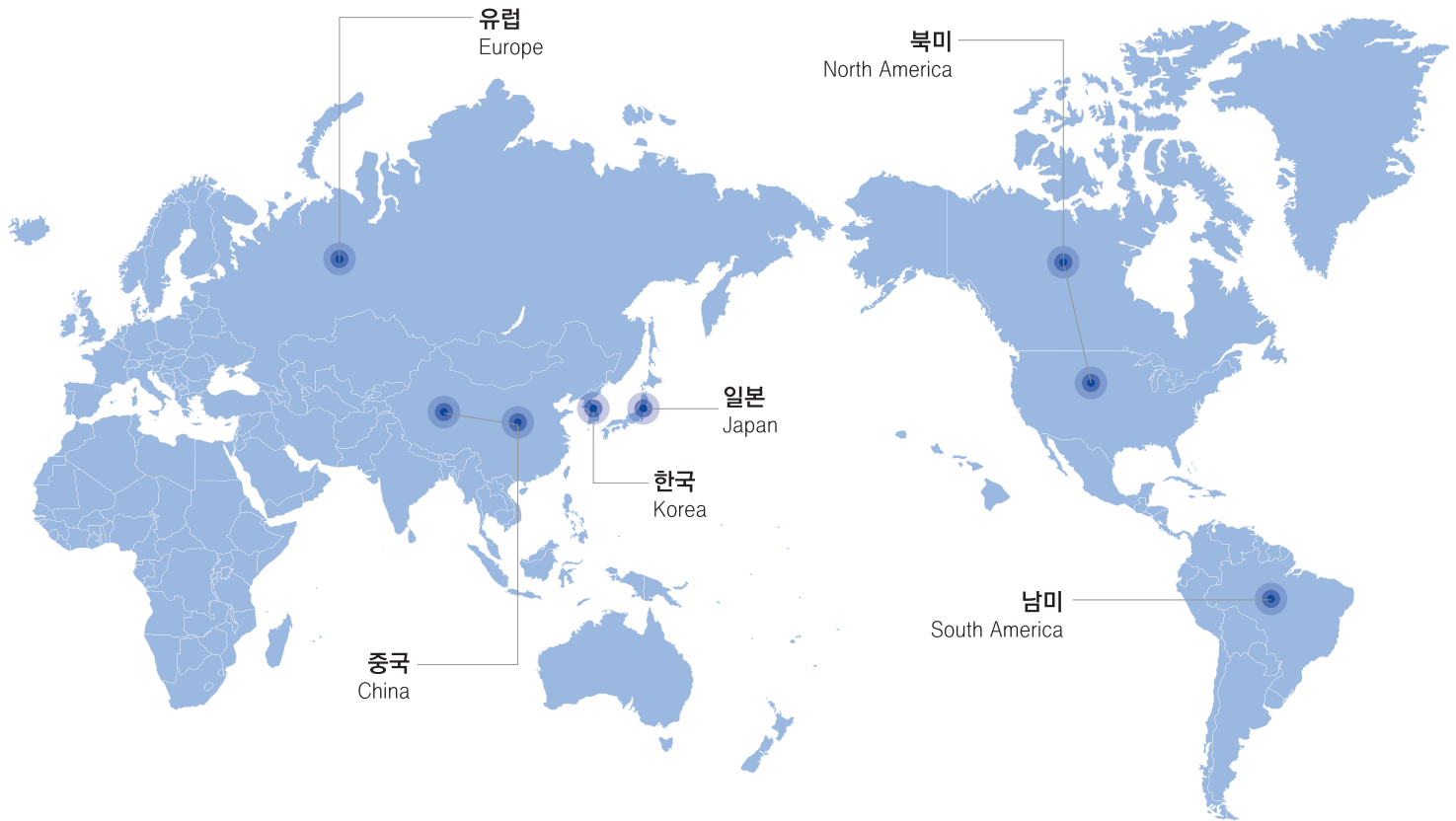
인증서-이노비즈 기업
INNOBIZ Company



표창장 - 국무총리
Citation - Prime Minister

Major exporting country

주요 수출국가

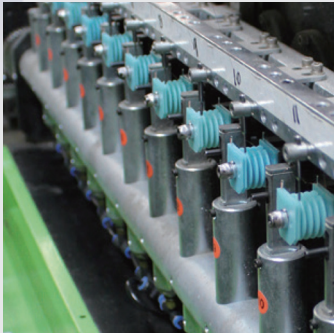
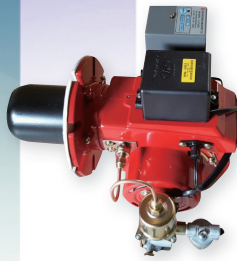


Client

주요 고객사

			
			
	내수 기업 / Korea Partner		
			
			
	수출 기업 / Global Partner		

Manufacture Process



○ Winding process

CNC 자동 권선기를 적용한 권선공정

Winding process using automated CNC machine

CNC 자동화 장치를 적용한 코일의 권선 공정으로써 회전 수에 비례하여 고전압을 발생시키는 중요한 단계

Important step of generating a high voltage in proportion to the number of revolutions as a coil winding operation which is used the CNC automation equipment.

Harness process ○

Wire의 탈피, 압착작업 공정

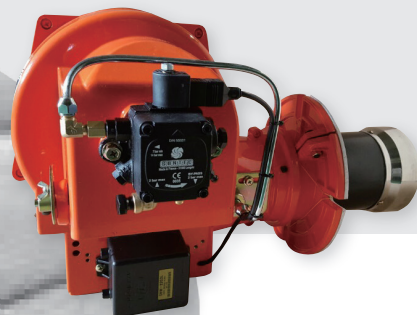
Wire stripping and compression processes

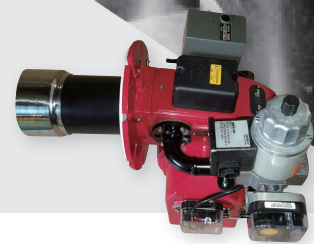
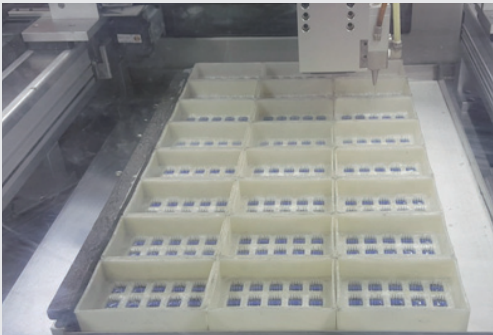
점화트랜스 고전압 출력 케이블과 연결 터미널 사이의 압착공정

Crimping process between the high voltage output cable of ignitor and connecting terminal.



The Leader of Ignition Transformer





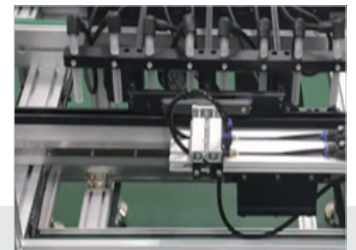
○ Insulation Process

자동 토출시스템에 의한 절연물 충전 및 탈포 공정

Insulating material charging deforming processes using automated discharging system

제품의 절연공정. 내부방전의 방지와 안정적인 출력값을 유지하기 위한 중요공정

Key process to stably maintain the output performance of the product as the insulating molding operation which is used the automatic injector epoxy.

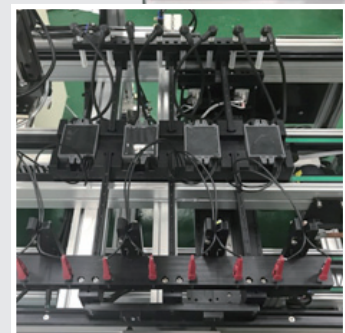


Inspection Process ○

반제품, 완제품의 2중 검사시스템 및 샘플링 에이징시험 공정
Dual inspection system for semi-finished and finished products
/ Sampling and aging test processes

출력 전압, 전류, 주파수 등의 정상 동작 범위를 결정하기위한 성능 검사공정 및
자체 신뢰성 확보 시험공정

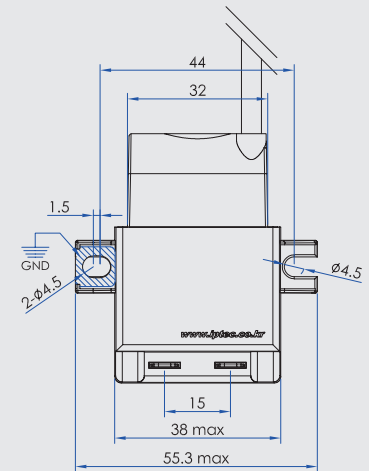
Inspection step as the performance test to determine the normal operation range of the output voltage, current, frequency etc.



Products

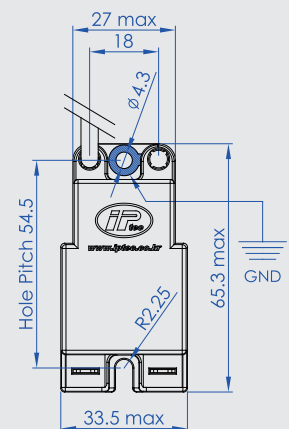
GAS Slim TYPE-1

- Input : AC 100~120V / 50, 60Hz
AC 220~240V / 50, 60Hz
- Output Voltage : 12~23kVo-p
- Output Current : 2~9mA



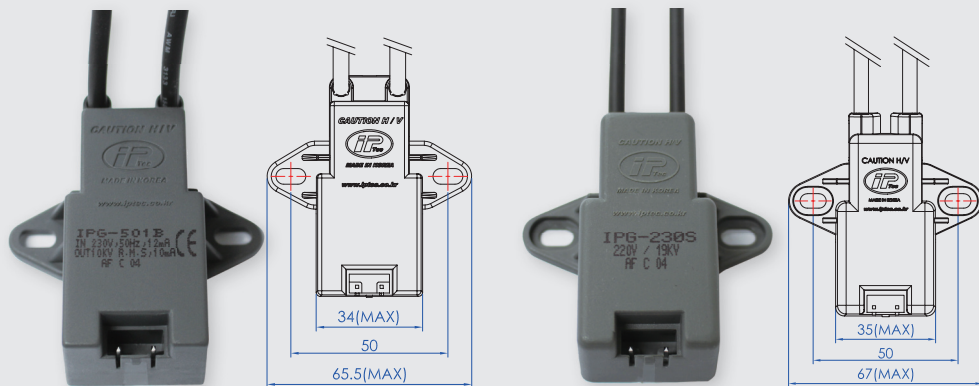
GAS Slim TYPE-2(1, 2Pole)

- Input : AC 100~120V / 50, 60Hz
AC 220~240V / 50, 60Hz
- Output Voltage : 12~23kVo-p
- Output Current : 2~10mA



GAS Normal Type

- Input : AC 100~120V / 50, 60Hz
AC 220~240V / 50, 60Hz
- Output Voltage : 15~23kVo-p
- Output Current : 5~12mA

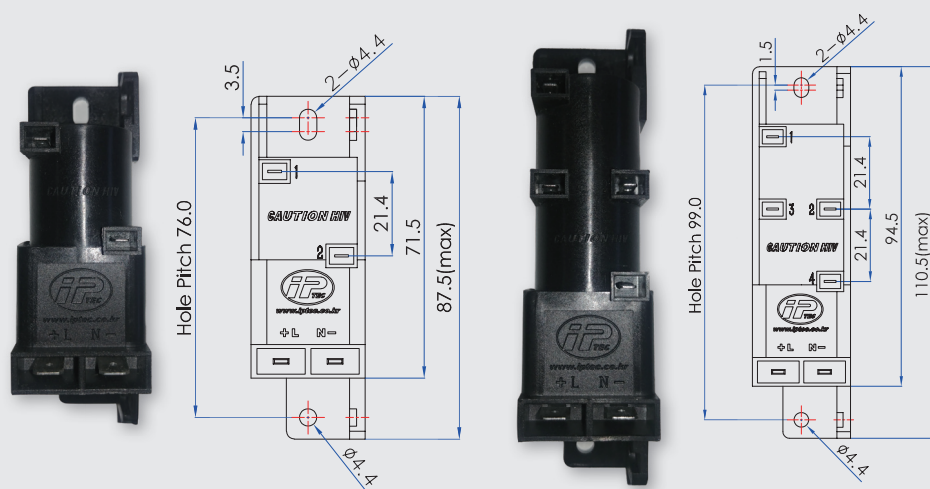


GAS Cook Top(2Pole)

- Input : DC 1.5~12V, AC 100~240V
- Output Voltage : 15~20kV

GAS Cook Top(4Pole)

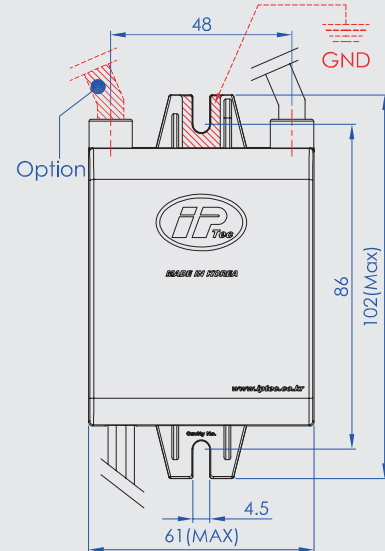
- Input : DC 1.5~12V, AC 100~240V
- Output Voltage : 15~20kV



Products

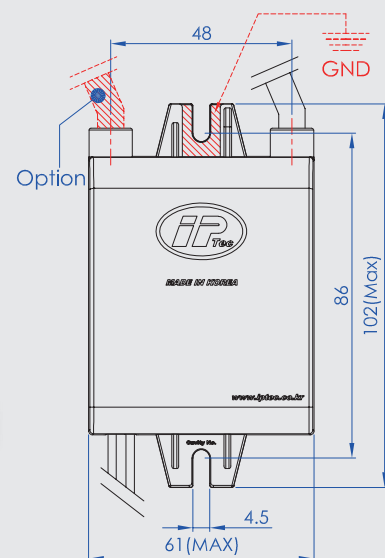
OIL Normal Type-CSA(1, 2Pole)

- Input : AC 100~120V / 50, 60Hz
- Output Voltage : 15~22kVo-p
- Output Current : 22~30mA



OIL Normal Type-CE(1, 2Pole)

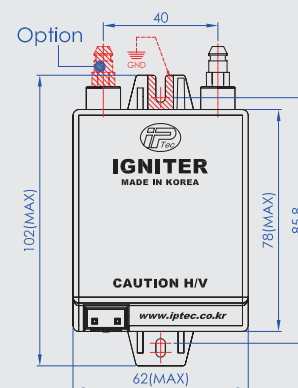
- Input : AC 220~240V / 50, 60Hz
- Output Voltage : 15~22kVo-p
- Output Current : 22~30mA



OIL Normal Type

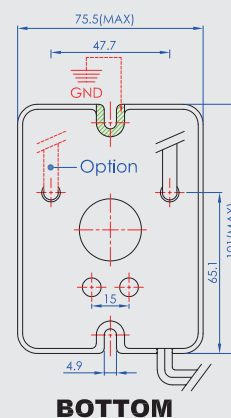
(Connector Type / 1, 2pole)

- Input : AC 100~120V / 50, 60Hz
AC 220~240V / 50, 60Hz
- Output Voltage : 15~22kVo-p
- Output Current : 22~30mA



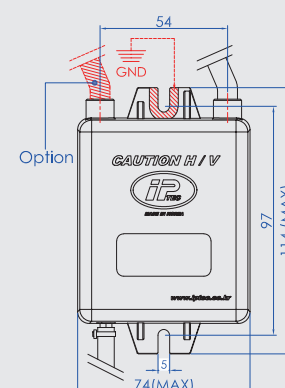
OIL Medium Type(1, 2pole)

- Input : AC 100~120V / 50, 60Hz
AC 220~240V / 50, 60Hz
- Output Voltage : 15~25kVo-p
- Output Current : 24~35mA



OIL Large Type(1, 2pole)

- Input : AC 100~120V / 50, 60Hz
AC 220~240V / 50, 60Hz
- Output Voltage : 15~25kVo-p
- Output Current : 30~45mA





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