



INTERTEC

Electronic & Mechanical
System Engineering



(주)인터텍
www.intertec.co.kr

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비데용 순간온수모듈	Instantaneous warm-water generator for bidet
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온수매트	Hot water mat - NAVIZAM
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Company overview

회사개요 일반현황

INTERTEC



회 사 명 | ㈜인터텍

설 립 일 | 1999년 7월 1일

사업자번호 | 124-81-80600

임 직 원 | 39명

주 요 제 품 |

- 정수기용 순간고온수모듈(Instantaneous hot-water generator for water purifier)
- 순간온수모듈(Instantaneous hot-water generator for bidet)
- 온수매트(Hot water mat - NAVIZAM)
- 소변기용 자동밸브(Auto urinal flush valve)

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중 국 지 사 | SUZHOU INDUSTRIAL PARK DONGFU ROAD No.32B BUILDING 301
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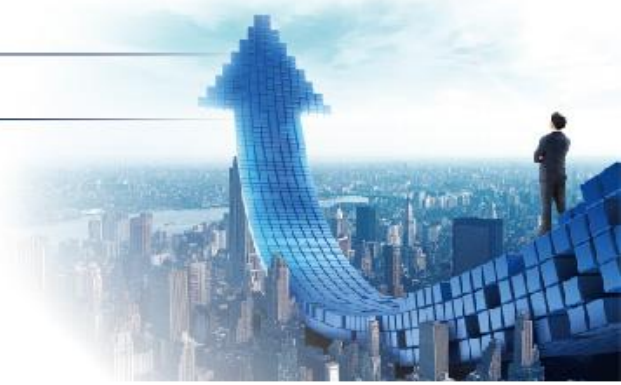
“꿈을 향한 끊임없는 도전으로 최고의 기업가치를 창출하겠습니다.”

대표이사 김지현 *Jihyun Kim*

Company history

회사개요 연혁

2018	05. 경기도 스타기업 선정	Selected as a Gyeonggi global giants star company
2017	12. 백만불 수출의탑 수상 및 산업통상자원부 장관상 수상 11. 중국소주법인설립 04. 이노비즈기업 재 인증	The grand prize of a million dollar export and award of the minister of industry trade prize Establishment of Suzhou corporation in China Re-certification of the techno-innovation enterprise
2016	12. 중국A.O Smith 온수보일러 수출	Exports hot water mat boiler for A.O Smith in China
2015	05. 2015년 한국산업대상 05. 기술혁신산업대상수상 04. 스위스 케베릿 비데용 순간온수모듈 수출 04. SK매직 슈퍼정수기 고온수모듈 개발 및 납품	2015 Korea industry awards technological innovation industry grand prize
2014	12. 온수매트 보일러 나비감 개발	Developed high efficiency water mat boiler "NAVIZAM"
2010	07. 정수기용 순간고온수모듈 개발	Developed instantaneous hot water generator for water purifier
2008	04. 소변기용 자동밸브 개발	Developed auto urinal flush valve for Daelim B&Co
2007	05. 이노비즈기업 인증	Designated as a techno-innovation enterprise
2005	04. 비데용 PBA 개발 생산	Developed controller(PBA) of bidet
2004	11. ISO9001취득 11. 기업부설연구소 설립 09. 유망중소기업 인증	Obtained ISO9001 (certificated by SMR) Established R&D center Promising small & medium company certificate
2003	01. 세라믹 순간온수모듈 국내최초개발	
2001	04. 벤처기업선정 02. 주식회사 설립	
2000	11. 삼성전자 협력업체 등록	
1999	07. 인터텍 설립	



Business categories

회사개요 사업영역

4

We have a lot of core technologies which can be applied to home appliances and we have plenty of experience of consumer market.

Energy saving appliances

- 순간고온수모듈 Instantaneous hot-water generator for water purifier
- 순간온수모듈 Instantaneous warm-water generator for bidet, dental clinic, silver care
- 순간온수손세정기 Instantaneous heating hand washer for kitchen
- 전기온수매트 Hot water mat - NAVIZAM

Commercial products

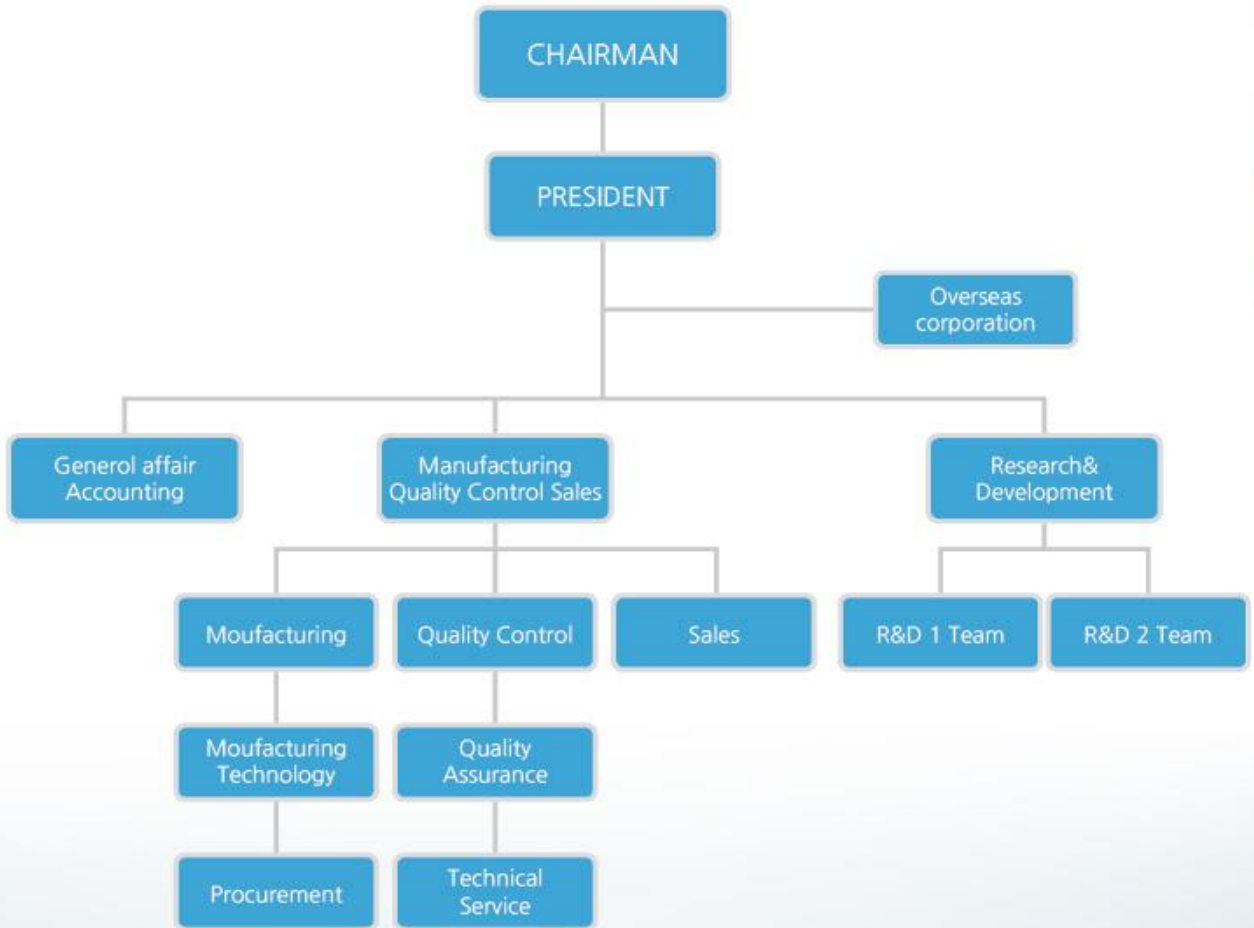
- 소변기자동세척밸브 Auto urinal flush valve
 - ✓ Built-in type
 - ✓ Wall built-in type
 - ✓ Wall outthrust type
 - ✓ Pottery built-in type

PCB assembly

- 비데용 Instantaneous hot-water generator for water purifier
- 리모컨 Instantaneous warm-water generator for bidet, dental clinic, silver care
- 유량센서 Instantaneous heating hand washer for kitchen
- 치과의자제어기 Hot water mat - NAVIZAM

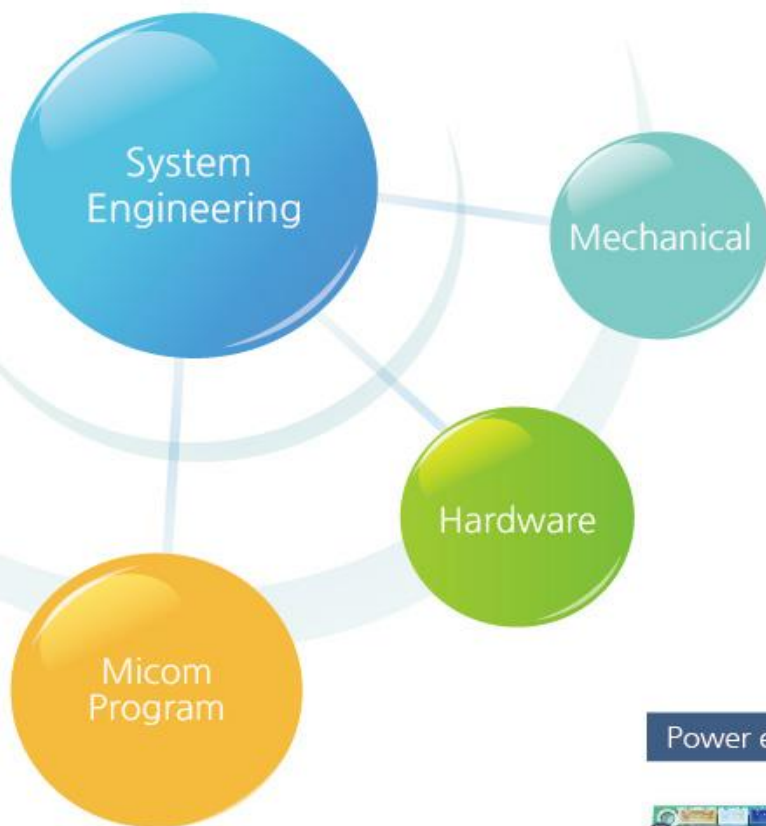
Organization

회사개요 조직도



R&D center

회사개요 기술연구소



CAD/CAM/CAT

Power electronic















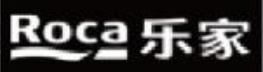


Micom/sensor application



Customers

회사개요 고객사

(알파벳 순으로 정렬)

 에이오스미스	 바이온텍	 바디프랜드
 청호나이스	 시마	 대림바스
 게베리트	 아이에스동서	 교원
 엔씨엠	 노비타	 오스템
 로카	 매직	 퀵스

Instantaneous warm-water generator for bidet

제품소개 비데용 순간온수모듈



Items	Specification
Power source	100Vac ~ 220Vac
Power consumption	1200W, 1400W, 1600W, 1900W
Max. warm-water capacity	550ml ~ 900ml/Min
Max. adding temperature	$\Delta T 30^{\circ}\text{C}$
Rising time for target temp	Within 5 seconds (at 90% of T target)
Tolerance of outlet water	Within $\pm 0.5^{\circ}\text{C}$
Dimension (W×H×D)	2216SS, 2216G : 95mm × 76mm × 62mm 2216T : 112mm × 67.5mm × 60.5mm ABS GF
Material of housing	2216SS : ABS GF20% (V0) 2216G : PC/ABS GF10% 2216T : Nylon GF15%
Safe means for outlet water	Thermostat, thermistor
Safe means for heater	Thermal-fuse, thermistor
Communication means	UART 2400bps
In/out lines	AC:2, DC:4lines (Power2, Comm2)
Heater type	Plate, tube



Instantaneous hot-water generator for water purifier

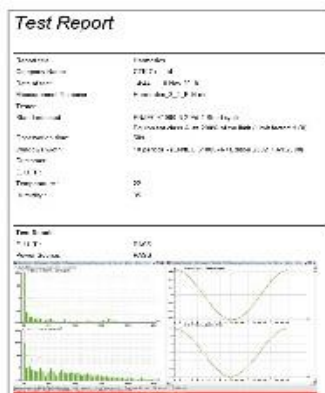
제품소개 정수기용 순간고온수모듈



Items	Specification
Power source	220Vac(Min 200 / Max 240)
Power consumption	2800W(Min 2400 / Max 2800)
Input water temperature	5°C ~ 40°C
Output water temperature	40°C ~ 95°C
Rising time for target temp	Within 6 seconds(at 90% of T target)
Tolerance of outlet water	Within $\pm 3^{\circ}\text{C}$
Dimension (W×H×D)	92mm × 128mm × 79mm
Material of housing	PC+GF10%
Safe means for outlet water	Thermostat, thermistor
Safe means for heater	Thermal-fuse, thermistor
Communication means	UART 9600bps
In/out lines	AC:2, DC:5lines(Power3, Comm2)
Heater type	Tube



Flicker - EN/IEC61000-3-3 Ed.3 (Run time)



Harmonics - EN/IEC 61000-3-2 Ed.4 (Run time)



정수기의 기준규격 용출시험 (환경부고시 제2016.50호)

Hot water mat-NAVIZAM

제품소개 온수매트



Circulating water direct heating hot water mat has the following advantages.

Reaches set temperature within 15minutes by quick-start controlling system, which applies heating directly on water circulation instead of heating whole water tank.

Items	Specification
Power source	220Vac(Min 200 / Max 240)
Power consumption	2800W(Min 2400 / Max 2800)
Input water temperature	5℃ ~ 40℃
Output water temperature	40℃ ~ 95℃
Rising time for target temp	Within 6 seconds(at 90% of T target)
Tolerance of outlet water	Within ±3℃
Dimension (W×H×D)	92mm × 128mm × 79mm
Material of housing	PC+GF10%
Safe means for outlet water	Thermostat, thermistor
Safe means for heater	Thermal-fuse, thermistor
Communication means	UART 9600bps
In/out lines	AC:2, DC:5lines(Power3, Comm2)
Heater type	Tube



PCB ass'y for bidet, dental chair

제품소개 비데, 치과의자용 PCB



Daelim B&Co	
DST-300R	DST-650
DST-300W	DST-700G
DST-301SL	DST-700G5
DST-303	DST-700W
DST-320	DST-710(UL/TWN)

Quoss
Q-7700
Q-7100
Q-6100
Q-6000
Q-5500

Osstem
K2
K3

Auto urinal flush valve

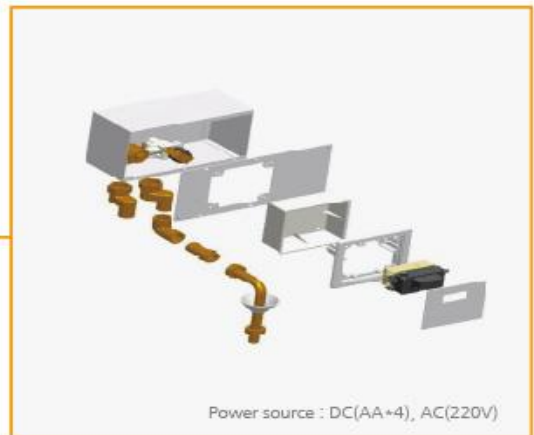
제품소개 소변기 자동세척 밸브



내장형 Built-in type



매립형 Wall built-in type



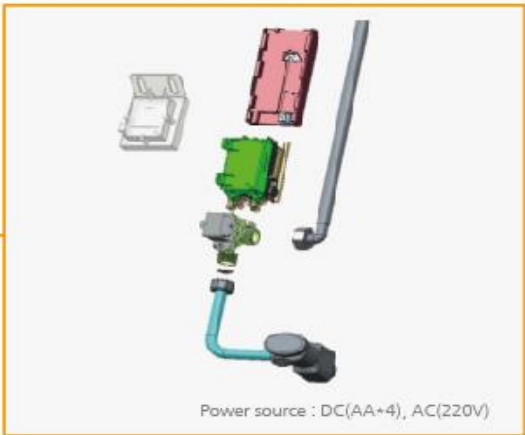
Auto urinal flush valve

제품소개 소변기 자동세척 밸브

노출형 Wall outthrust type



마이크로파센서형 Pottery built-in type



Certificates

인

Techno-Innovation Enterprise



ISO9001:2008 KS Q ISO9001:2009



Certificate of R&D center



Gyeonggi global giants Star company



Patents

특허



예약기능을 구비한 난방 조절장치 및 방법
PAT.No 514002



순간온수형온수공급계어장치
PAT.No 10-0684373



열리원격계어장치 및 그의 전용계어방법
PAT.No 0376912



금속가열장치
PAT.No 347966



순간온수장치
PAT.No 379088



고무밴드 강력조절
PAT.No 387925



하이브리드 순간온수형 공급계어장치
PAT.No 0382678



순간온수장치
PAT.No 20-0423050



센서모듈을 구비하는로봇청소기
PAT.No 10-0829094

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