

The logo for Regeni, featuring a stylized 'R' followed by the word 'EGENi' in a bold, sans-serif font. The 'i' is lowercase and has a blue dot. The background of the slide features a low-angle shot of several modern skyscrapers with glass facades, reaching towards a clear sky. In the foreground, there are large, abstract geometric shapes in shades of blue and white, creating a sense of depth and modernity.

Regeni

Greetings!

Greetings from CEO

The world is facing fast changing era into AI and Metaverse etc Digital Twin World.
The required hardware to embody these virtual space is also being advanced to state of the art.

REGENI Co.,Ltd (Regeneration + Innovation) is a manufacturing corporation for motion controller and jig etc tools to improve effectiveness of process for recycle, repair, production of hardware indispensable among this changing world.

REGENI runs a R&D lab to make new and innovative products, through business experiences and continuous innovation 20 years since foundation has obtained more than 40 intellectual properties.

Reliability is the most pivotal. For reliability and satisfaction with global customers and partners, REGENI will always do its best.

-CEO CHAEYOUL, LEEM-

Core Business

1. Production of device, tool, jig for effectiveness improvement of process for production, repair and recycle of electronic products (disassembly, assembly device/circuit repair equipment/test device/various tools)

REGENI Spirit

- ▶ Mission : the reason why REGENI exists, ultimate goal.
 - To provide satisfaction by creating new value that customers need.
- ▶ Vision 2025 : The future that REGENI heads for , to try to accomplish .
 - 1 million dollar 30 distributors in newly developing countries
 - Stable management of 5,000m² domestic production facility
- ▶ Core Value : Code of conduct by REGENI, important value.
 - Continuous Innovation



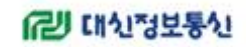
Overview

Company Introduction

Contents	Contents Descriptions
Company Name	REGENI Co., Ltd.
Representative	CEO Chaeyoul, Leem
HQ Address	#1202 Ace Gasan Tower, 121 Digital-ro, Geumcheon-gu, Seoul, Republic of Korea, 08505
Foundation date	29th, JAN, 2005
Business fields	<ul style="list-style-type: none">- Development & production for equipment, tool, jigs for effectiveness improvement of processes in production, repair and recycle of electronic devices.- (Disassembly, Assembly Equipment/Circuit repair equipment/Test Device / Various tools) - Production and circulation of Sterilization device (UV sterilization storagebox / Sterilizer / Auto handcleaning dispenser / Dryer oven)
Business reported in public	Production, Wholesale, retail of Electronic application working machine, Home sterilization device, Electronic device production
Websites	http://www.regeni.com

Account

Trading Company



2005

- 01 REGEN-I CO.,LTD corporation establishment. (own capital of about USD48,000)
- 05 Accredited ISO-9001 quality management system

2006

- 03 Factory founded in IL-SAN for Motorola Korea
- 04 Academic-industrial cooperation agreed with Industrial engineering department of Seoul National University

2007

- 06 Movement to Seoul with increased facilities for semiconductor
- 10 Agreement and production for DDR2 Ball attachment with MICRON (U.S company)
- 12 Accredited Venture company

2008

- 08 Committee member authorized and act for professional association for re-manufacturing of Korean national cleaner production center under Ministry of Knowledge economy of Korea
- 12 Agreement with QUALCOMM KOREA for BGA supplier

2009

- 10 Sales as both domestic and foreign academic-industrial cooperative companies with 1,000 entities

2010

- 10 Opening of laboratory affiliated with REGEN-I
- 04 Participation on NEPCO KOREA exposition (COEX)

2011-2012

- 11.02 egestion of Best-Korea logo
- 11.04 Participation on NEPCON KOREA exposition
- 11.07 Registration of laboratory affiliated with REGENI
- 12.04 Participation on NEPCON KOREA exposition
- 12.08 Participation on KINTEX exposition

2016

- 06 Supply BGA Rework system to about 80 LG Electronics Service Centers
- 06 Breakthrough of accumulated Sales of over 600pcs of BGA Rework system

2013 – 2015

- 13.01 Increase of corporation capital to about 181 million dollars
- 13.11 Agent agreement with Hansong Electronic in Shanghai
- 14.10 Supply BGA Rework System to over 200 SAMSUNG Electronic Service Centers
- 15.05 Export accomplishment of 1 Million dollar
- 15.10 Export accomplishment of over 5,000pcs of dryer RG-202

2021 -

- 07 Development and mass production of mobile phone automatic separators
- 12 Rework Systems Reach No. 1 Market Share in Korea for 8 consecutive years

2017 - 2019

- 17.01 LG Electronics has signed a contract to develop mobile rework facilities
- 17.04 LG Electronics supplies mobile rework facilities to AS branches worldwide
- 18.02 Development and mass production of BK-200S Simple Rework System



Contents	Specifications			
Holdable PCB Size	700mm(X axis) X 650mm(Y axis)			
Workable PCB Thickness	0.1mm~10mm			
Workable component size	Less than 50mm free nozzles (magnet attach/detachment), other customized nozzles (additional costs in customization)			
Working controller	7inch Touch screen control PC + 2 channel external camera			
Upper Heater (Main heater)	Hot air (1200W)			
Lower Heater (Main heater)	Hot air (1200W)			
Infrared preheater (Sub heater)	IR (700W * 6EA) 4200W			
Size	About (W)1000mm X (L)900mm X (H)960mm			
Weight	About 110Kgs			
Power	Based on Heater type 6600W, Rated AC220V, Single phase			
Basic free nozzle(Upper)	14*14, 18*18, 22*22, 26*26, 30*30, 34*34, 38*38, 42*42, 46*46, 50*50			
Basic free nozzle(Lower)	40*40, 50*50			
Other supplementary functions	Optical Vision	External Camera	Automatic component removal	Manual component removal
	○	○	○	○
	N2 Application	External Temperature Sensor	Screen Capture	Keyboard,Mouse
	Yes (Customization)	K type(3ea)	○	Connectable



Contents	Specifications			
Holdable PCB Size	370mm(Y axis) X 570mm(X axis)(X axis shaft extention by customization)			
Workable PCB Thickness	0.5mm~5mm			
Workable component size	1mm~50mm			
Working controller	7inch Touch screen control PC + 2 channel external camera (14 million pixels 1080P)			
Upper Heater (Main heater)	Hot air (1200W)			
Lower Heater (Main heater)	Hot air (1200W)			
Infrared preheater (Sub heater)	IR (600W * 4EA)			
Size	About (W)820mm X (L)600mm X (H)890mm			
Weight	About 83Kgs			
Power	4800W , Rated AC220V Single phase			
Basic free nozzle(Upper)	14*14, 18*18, 22*22, 26*26, 30*30, 34*34, 38*38, 42*42, 46*46, 50*50			
Basic free nozzle(Lower)	40*40, 50*50			
Other supplementary functions	Optical Vision	External Camera	Automatic component removal	Manual component removal
	○	○	○	○
	N2 Application	External Temperature Sensor	Screen Capture	Keyboard,Mouse
	Yes (Customization)	K type(3ea)	○	Connectable



Contents	Specifications			
Holdable PCB Size	380mm(Y axis) X 400mm(X axis)(X axis shaft extension by customization)			
Workable PCB Thickness	0.5mm~5mm			
Workable component size	1mm~50mm			
Working controller	7inch touch screen control PC + 1 channel external camera			
Upper Heater (Main heater)	Hot air (1200W), Built-in fan			
Lower Heater (Main heater)	Hot air (1200W), Built-in fan			
Infrared preheater (Sub heater)	IR (600W * 4EA)			
Size	About (W)970mm X (L)620mm X (H)750mm			
Weight	About 57Kgs			
Power	4800W, Rated AC220V Single Phase			
Basic free nozzle(Upper)	14*14, 18*18, 22*22, 26*26, 30*30, 34*34, 38*38, 42*42, 46*46, 50*50			
Basic free nozzle(Lower)	40*40, 50*50			
Other supplementary functions	Optical Vision	External Camera	Automatic component removal	Manual component removal
	X	○	○	△
	N2 Application	External Temperature Sensor	Screen Capture	Keyboard,Mouse
	X	K type(3ea)	○	Connectable



Contents	Specifications			
Holdable PCB Size	200mm(Y axis) X 200mm(X axis) (Detachable PCB holder included)			
Workable PCB Thickness	0.5mm~3mm			
Workable component size	1mm~40mm			
Working controller	5inch touch screen control PC			
Upper Heater (Main heater)	Hot air (1200W) , Required external air compressor			
Lower Heater (Main heater)	Hot air (1200W) , Required external air compressor			
Infrared preheater (Sub heater)	X			
Size	About (W)440mm X (L)220mm X (H)580mm			
Weight	About 30Kg			
Power	2400W, Rated AC220V Single phase			
Basic free nozzle(Upper)	10*10, 13*13, 15*15, 18*18, 20*20, 24*24, 28*28			
Basic free nozzle(Lower)	15*15, 18*18			
Other supplementary functions	Optical Vision	External Camera	Automatic component removal	Manual component removal
	X	X	○	△
	N2 Application	External Temperature Sensor	Screen Capture	Keyboard,Mouse
	○	K type(1ea)	X	Connectable



Contents	Specifications			
Holdable PCB Size	250mm(Y axis) X 300mm(X axis)			
Workable PCB Thickness	0.5mm~3mm			
Workable component size	1mm~40mm			
Working controller	7inch Touch screen Control PC			
Upper Heater (Main heater)	Hot air (1200W) Built-in fan			
Lower Heater (Main heater)	Hot air (1200W) Built-in fan			
Infrared preheater (Sub heater)	X			
Size	About (W)600mm X (L)510mm X (H)550mm			
Weight	About 31Kg			
Power	2400W, Rated AC220V Single phase			
Basic free nozzle(Upper)	12*12, 16*16, 20*20, 24*24, 28*28, 32*32			
Basic free nozzle(Lower)	24*24, 32*32			
Other supplementary functions	Optical Vision	External Camera	Automatic component removal	Manual component removal
	X	X	○	○
	N2 Application	External Temperature Sensor	Screen Capture	Keyboard,Mouse
	X	K type(1ea)	○	Connectable



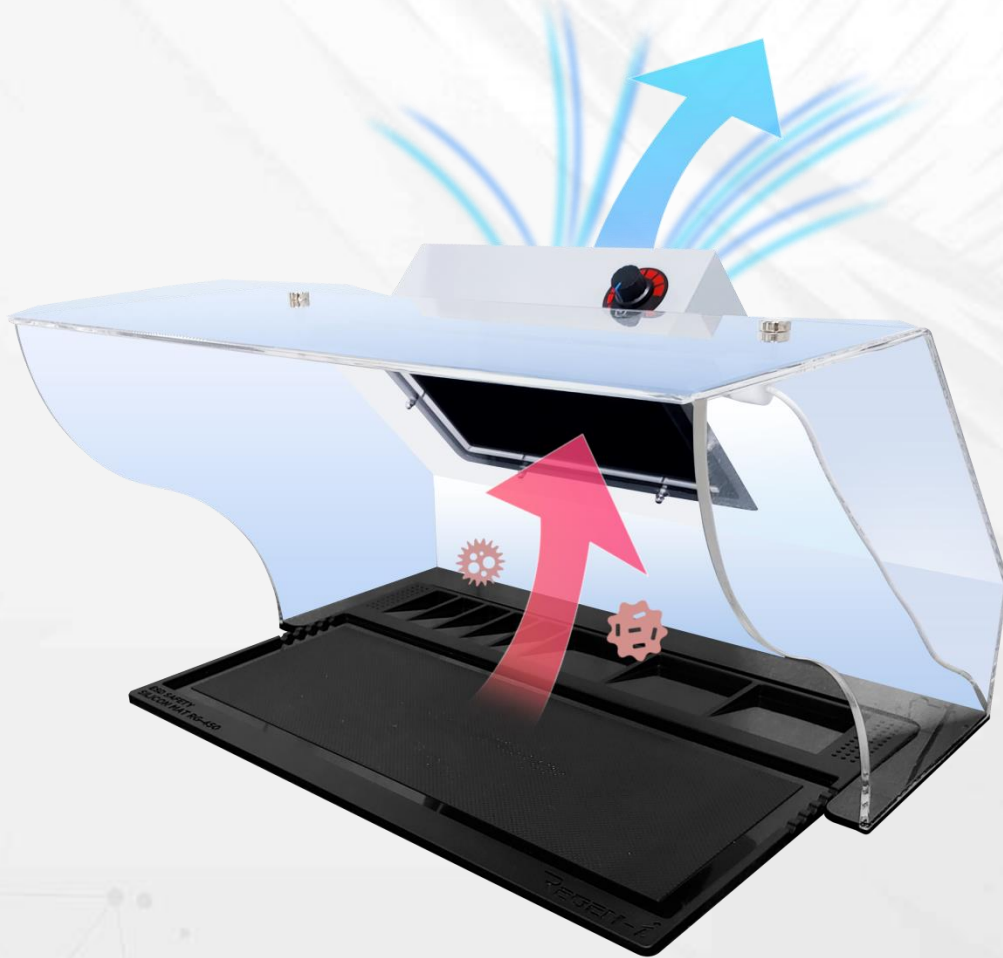
Contents	Specifications			
Holdable PCB Size	Magnetic holding blocks: 200 X 150mm, Movable frame: 270 X 200mm			
PCB holder	6pcs Free Magnetic PCB holding blocks (option: Movable PCB holding frame)			
Workable PCB Thickness	0.5mm~2mm			
Workable component size	1 ~ 40mm			
Working controller	Control panel (3 steps temperature profile application)			
Upper Heater (Main heater)	Hot air (800W)			
Lower Heater (Main heater)	Hot air (800W)			
Size	About (W)380mm X (L)230mm X (H)260mm			
Weight	About 7Kg			
Power	1600W, Rated AC220V Single phase			
Basic free nozzle(Upper)	15*15(Options : 12*12, 18*28, 19*19, 22*32, 23*23, 28*28, 35*35, 40*40)			
Basic free nozzle(Lower)	15*15(Optiions: 12*12, 18*28, 19*19, 22*32, 23*23, 28*28, 35*35, 40*40)			
Other supplementary functions	Optical Vision	External Camera	Automatic component removal	Manual component removal
	X	X	X	Manual with tweezers
	N2 Application	External Temperature Sensor	Screen Capture	Keyboard,Mouse
	X	X	X	X



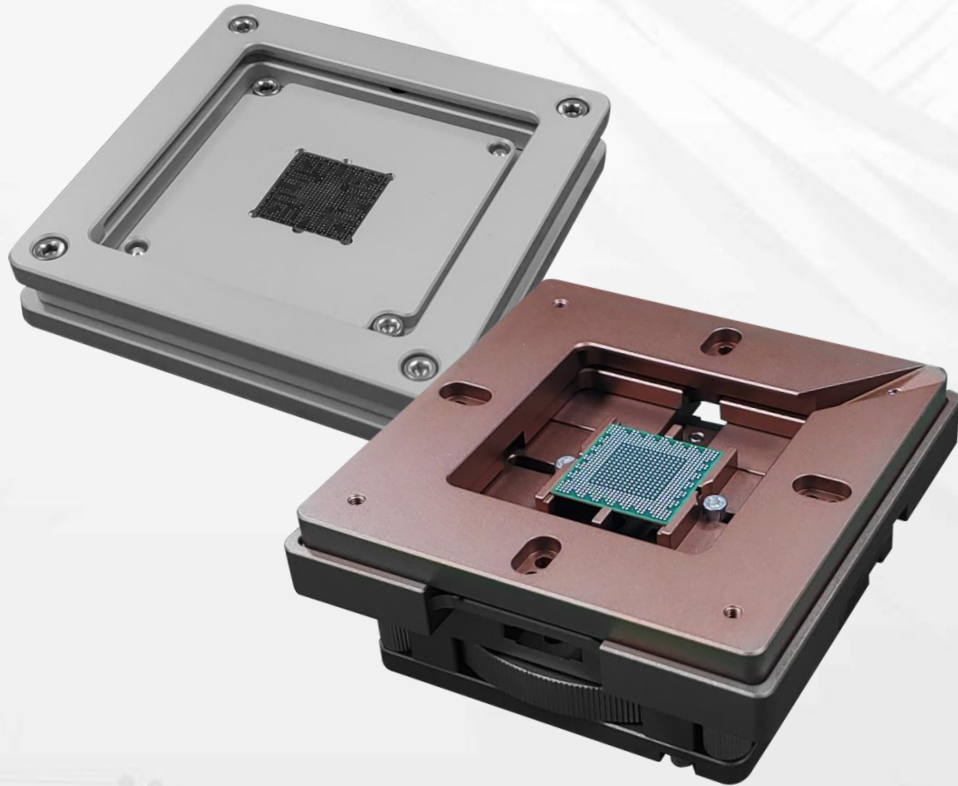
Contents	Specifications
Product name	Fume Extractor
Model	RG-6000
Power	DC 24V(50~60Hz)
Power Consumption	80W
Noise(Front 1M)	40dB(LOW)
	50dB(MEDIUM)
	53dB(HIGH)
Suction Power	4.7m³/min(HIGH)
	3.7m³/min(MEDIUM)
	2.8m³/min(LOW)
Collection Efficiency	99.60%≥0.3μm
Static Pressure	1500Pa
Duct	φ 50mm X 1mm(ESD SAFE)
Size	350mmX270mmX335mm
Weight	12Kg
Origin	Made in South Korea



Contents	Specifications	
Model	RG-610	RG-611
Size	223mm X 106mm X 82mm	
Weight	860 gram	
BGA chip holding type	Rhombus	Square
Holdable minimum BGA chip size	7mm X 7mm	9mm X 9mm
Holdable maximum BGA chip size	31mm X 31mm	45mm X 45mm
BGA chip thickness range	0.7mm ~ 7mm	
Application	Rectangular, middle and small size chip	Square, Rather big chip
Micro gauge	Applied	
Easy lock	Applied	
Height Adjustment by Middle frame revolution	0, 0.25, 0.5, 0.75mm (selection by matching arrows)	
(Interchangeable customized Stencils are not included)		



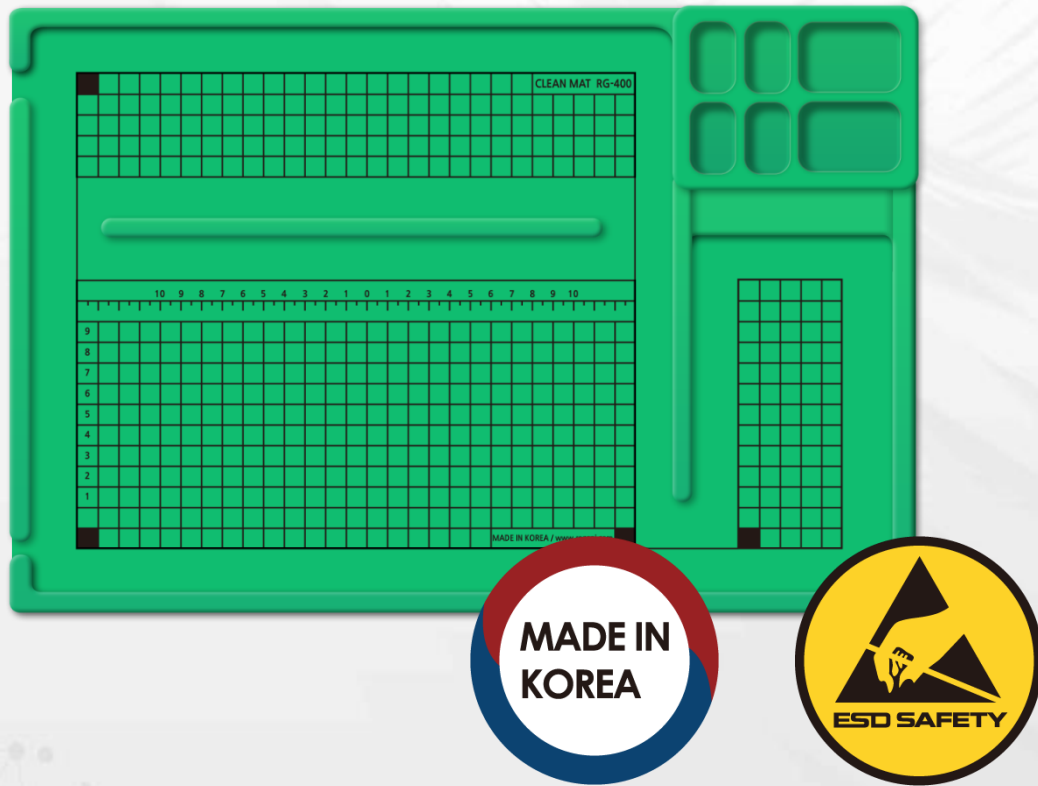
Contents	Specifications
Power source	DC 12V 2A * 1EA
LED lighting	DC5V USB 300mm Bar Type (1ea)
DC FAN	120mm * 120mm * 38mm
FAN function	2500RPM, 37.92(CFM)
Filter function	H13 class HEPA Filter + Carbon Filter
Filter Size	220mm * 220mm * 17mm
Product size	L 470mm X W 400mm X H 275mm
Showcase Material	Poly carbonate
Certification	KC Certified



Contents	Specifications	
Model	RG-612	RG-613
Size	80*80*15	98*98*40
Weight	160g	640g
Holding type	Rectangle, Square customized	Rectangle customized
Holdable Minimum chip Size	5mm X 5mm	10mm X 10mm
Holdable Maximum chip Size	40mm X 40mm	44mm X 44mm
Chip thickness range	0.5~4mm	0.7~4mm
Accuracy level	Precision	Economical
Micro gauge	X	
Easy Lock	X	
Height adjustment by frame revolution	X	



Contents	Specifications
Product Name	Mobile Dryer
Model	RG-202F
Voltage	Free Voltage (AC100v ~ AC240v)
Max power consumption	350 Watt
Max current	1.6A
Max setting temperature (celsius degrees)	80℃
Max setting time	30 minute
Packing size	(W)200mm X (D)430mm X (H)380mm
Inside size	(W)160mm X (D)310mm X (H)250mm
Weight	10Kg



Contents	Specifications
Product name	Silicon Antistatic Safety Mat
Model	RG-400
Material	Silicon / ESD ink
Color	Green
Size	(W)445mm X (H)295mm
Weight	0.5 Kgs
Country of Origin	Made in Korea



Contents	Specifications
Product name	Silicon Antistatic Safety Mat
Model	RG-450
Material	Silicon / ESD Texture
Color	Black
Size	(W)450mm X (H)300mm
Weight	1 Kgs
Country of Origin	Made in Korea



Model	RG-513 (Anti-static)
Application / Material	Multi purpose Disassembly tool/ Carbon, Stainless steel
Size	20.8mm X 170.6mm X 0.9mm
Weight	18g



Model	RG-512
Application / Material	Handling , disassembly of device / Stainless steel
Size	120mm X 18mm X 10mm



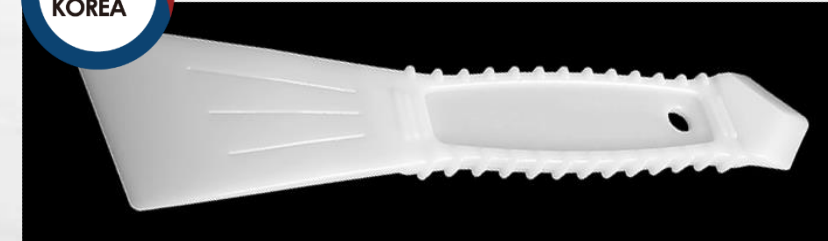
Model	RG-516B
Application	Multi purpose Diassembly Tool
Material	CNT (Carbon Nano Tube)
Size	220mm X 50mm X 33mm



Model	RG-513E (Anti-static)
Application	Multi purpose Disassembly tool
Size	20.8mm X 170.6mm X 0.9mm
Weight	14g



Model	RG-514
Application	TV appliances, refrigerator disassembly
Material	Stainless steel
Size	82mm X 20mm



Model	RG-516W
Application	Multipurpose disassembly tool
Material	POM (Polyoxymethylene)
Size	220mm X 50mm X 33mm



Thank You!

Smartphone Repair Business Solutions