

xEV

Battery Repair Solution

OE Approved Quality

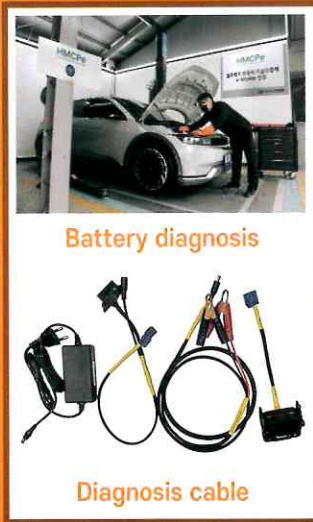
First Safety

Easy to Use

Eco-friendly



Overall Process of EV Module Repair



Battery diagnosis

Diagnosis cable



Pack Removed

Pack table lifter



Pack transporter Jig

Pack transporter Jig



Module lift Jig

Module lift Jig

T2000 PRD ▶ EV Battery Module Balancer



- ☑ EV battery module repair
- ☑ Module charging & discharging
- ☑ Precise cell balancing
- ☑ Touch screen application(Easy to use)
- ☑ Triple stabilizer & Safety function
- ☑ Cell &Module status analysis and history management
- ☑ KIA Motors official module balancer

Sort	Charging	Discharging
Module Cell	Max 24 Cells	
Max (dis)charging Volt(V)	100.8V(4.2V X 24 Cells)	
Module Current(A)	48A	48A Load 1700W
Touchscreen	10inch TFT LCD	
Precision	1.2mV(LTC6802)	



[One-touch (dis) charging]



[Data Analysis & History]



[Cell balancing & Analysis]

T 3800 ▶ Hybrid Pack Charger



- ☑ Charging device when HEV pack is discharged
- ☑ 2 Types Pack charging
(air conditioner terminal or pack terminal)
- ☑ One-touch charging and various pack
- ☑ Spark arrester
- ☑ Reverse voltage detection
- ☑ Voltage disconnection detection

Sort	Charging
HEV Pack Cell	Max 64~72 Cells
Input Voltage	AC 220 V / AC 110 V
Output Voltage	DC 260 V , 4A / DC 13.6 V , 4A



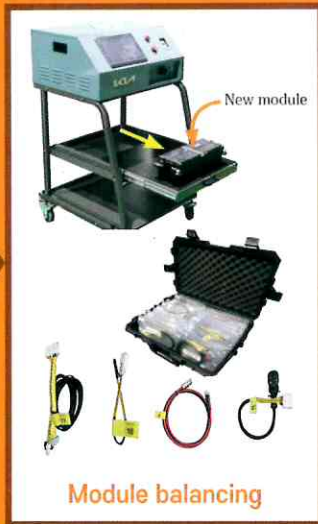
[inverter's air conditioner terminal]



[Remove the safety plug]



[directly charging terminal]



TCM - 3 ▶ Automatic xEV Coolant Exchanger



- ☑ Electric vehicle cooling line protection function
- ☑ Limited 3 bar automatic control (optional pressure adjustment)
- ☑ Vacuum or pressurized antifreeze exchange (Dual Function)
- ☑ Electric vehicle antifreeze exchange process setting injection
- ☑ Multi purpose (HEV / EV / Internal Combustion Engine)
- ☑ 7inch touch screen for easy to use



TMS 1907 ▶ Module (Dis)assemble Jig



- ☑ Pack assembly with precise pressure and torque
- ☑ 360 degree module rotation function
- ☑ User Centered Design
- ☑ Module manufacturing process level precision

Brake Fluid Exchanger



Working Efficiency

- ▶ 1 repair man can change the brake fluid
- ▶ Half time needed comparing conventional way

Full Stainless Body (Rust Free)

Customer Trustworthy

- ▶ Easily distinguished by the naked eye



Operation Reliability

- ▶ Air inflow prevention function / Auto bleeding



Other EV tools

Pack Transportation Jig



- Battery Pack Transporter
- Safety & strong rigid structure
- Mounting indications by vehicle type/pack type

EV Gap Filler Application



- Application Guide



- Application Guide



- Dispenser Gun



- Application Nozzle

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