



Industrial Equipment

Energy-Recycling Burn-in Chamber / M48000

- Integration of burn-in system, management system and energy recycling system
- Built-in BIMS for real-time monitoring
- Complete protection for users and equipment



OBC



Adapter



Industrial
Power



Server
Power



Telecom
Power



EV Charger



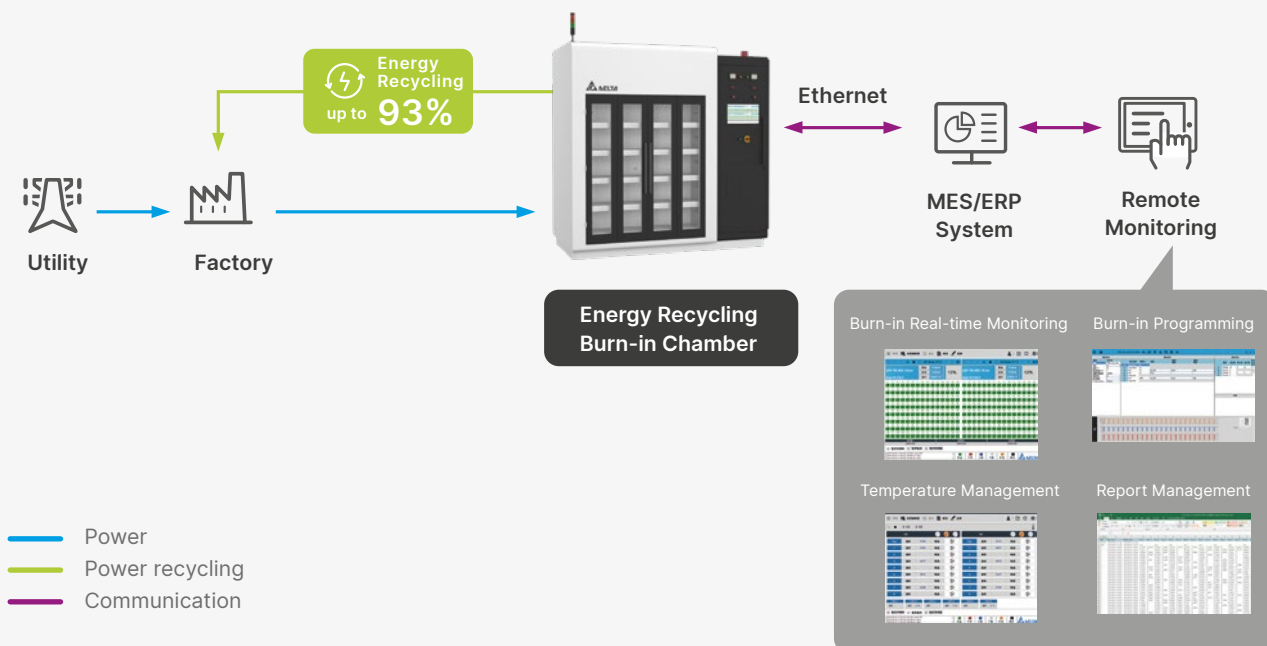
Complete Integration for Efficient, Energy-saving Burn-in Testing

Delta integrates burn-in system, energy recycling system, and BIMS management system to build a one-stop energy recycling burn-in chamber. The two-side design allows 2 types of UUT test to be performed at the same time, and intuitively monitor parameters through Delta BIMS. The system features over-temperature, over-current, leakage, and open circuit protection to provide

complete protection for users and equipment. It is equipped with an energy recycling system to recycle test power back to the power grid. This solves the problem of massive energy consumption during testing, which effectively reduces your utility costs. It can also integrate MES/ERP systems for remote analysis and monitoring to improve the efficiency of burn-in testing.



Energy Recycling and Remote Programming



Features Highlight



Integration of burn-in system, management system and energy recycling system

- One-stop energy recycling burn-in chamber
- two-side design allows 2 types of UUT test simultaneously
- Enable to integrate MES/ERP system



Built-in BIMS for real-time monitoring

- Door sensor
- Temperature sensor
- Smoke detector
- Fan pressure detector
- Independent power and voltage meter



Complete protection for users and equipment

- Emphasis on users and equipment safety
- Test voltage electrical interlock
- Control power supply overcurrent, short circuit and open circuit protection
- Leakage and grounding protection

Flexible to integrate energy recycling system to recycle
max. 93% test power

Specification

Model Name	M48000
Mechanism	
UUT Capacity	96 PCS x 2 ares · max. 192 PCS
AC Input	3 · 380Vac
Burn-in Test	
AC Output	90V, 110V, 220V, 264V, 380V
Maximum Power	48kW
Burn-in Area	2 sides
Layer	8 layers
Channel (per layer)	12 Channels
Power of Each Channel	250W
Voltage of Each Channel	2 ~ 60 Vdc
Current of Each Channel	0.5 ~ 20 A
Height / Depth / Width (layer)	260 mm / 380 mm / 1480 mm
Transformer	60kW
Temperature Control	
Temperature Range	RT+10°C ~ 60°C
Raising Time	25°C to 40°C ≤ 20 min
Temperature Distribution	±5°C (tested after 30 mins of no-load)
Temperature fluctuation	±5°C
Environment	
Operation Temp. Range	0~40°C
Safety Device	Three-color light, stop button, indicator, defective product detector, overheated warning, smoke detector
Protection	Grounding, Over Temperature, Leakage, Overload, Door-opening Power-off
Dimension (L x W x H)	3200 × 1380 × 2280 mm

Burn-in Management System



System Management

- Parameter setup
- User management
- Communication management
- Burn-in file reader
- Burn-in procedure editor

Digital Monitoring

- Burn-in real-time status
- Burn-in procedure step chart
- Temperature status
- Energy recycling system status

Burn-in Result Report

- Automatic report generation
- Comprehensive burn-in status
- Supports cloud storage
- Database tracking



More information

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