

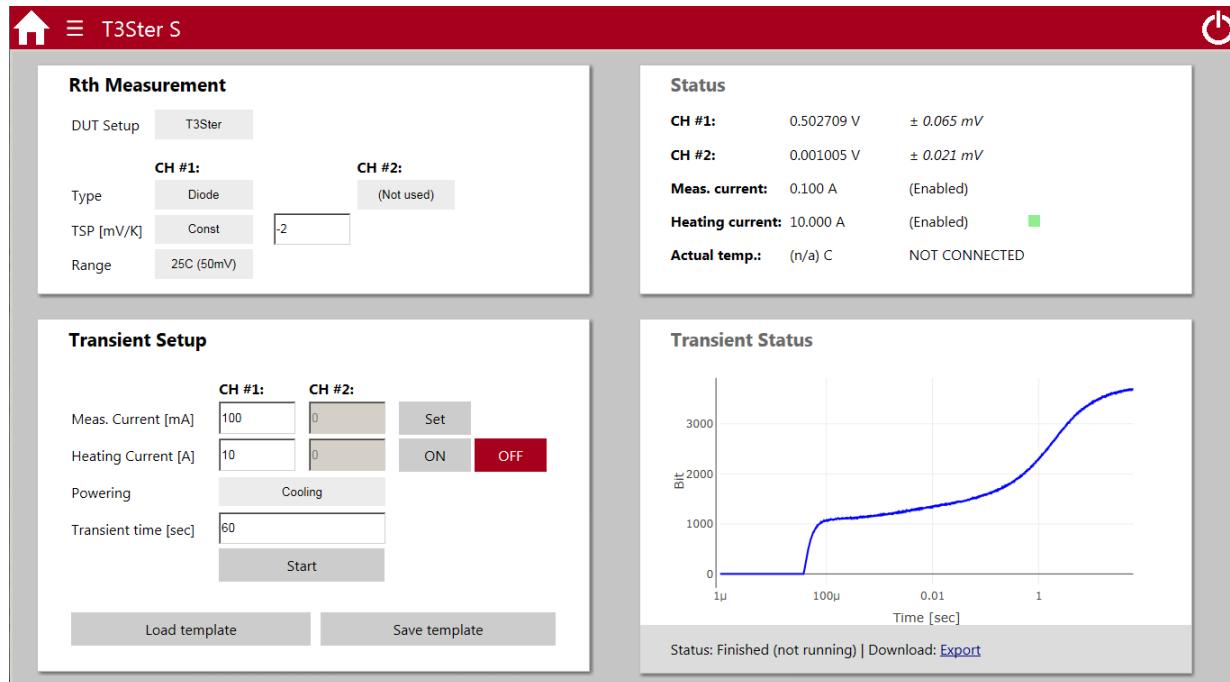


MicReD New Products

*T3Ster S Introduction*

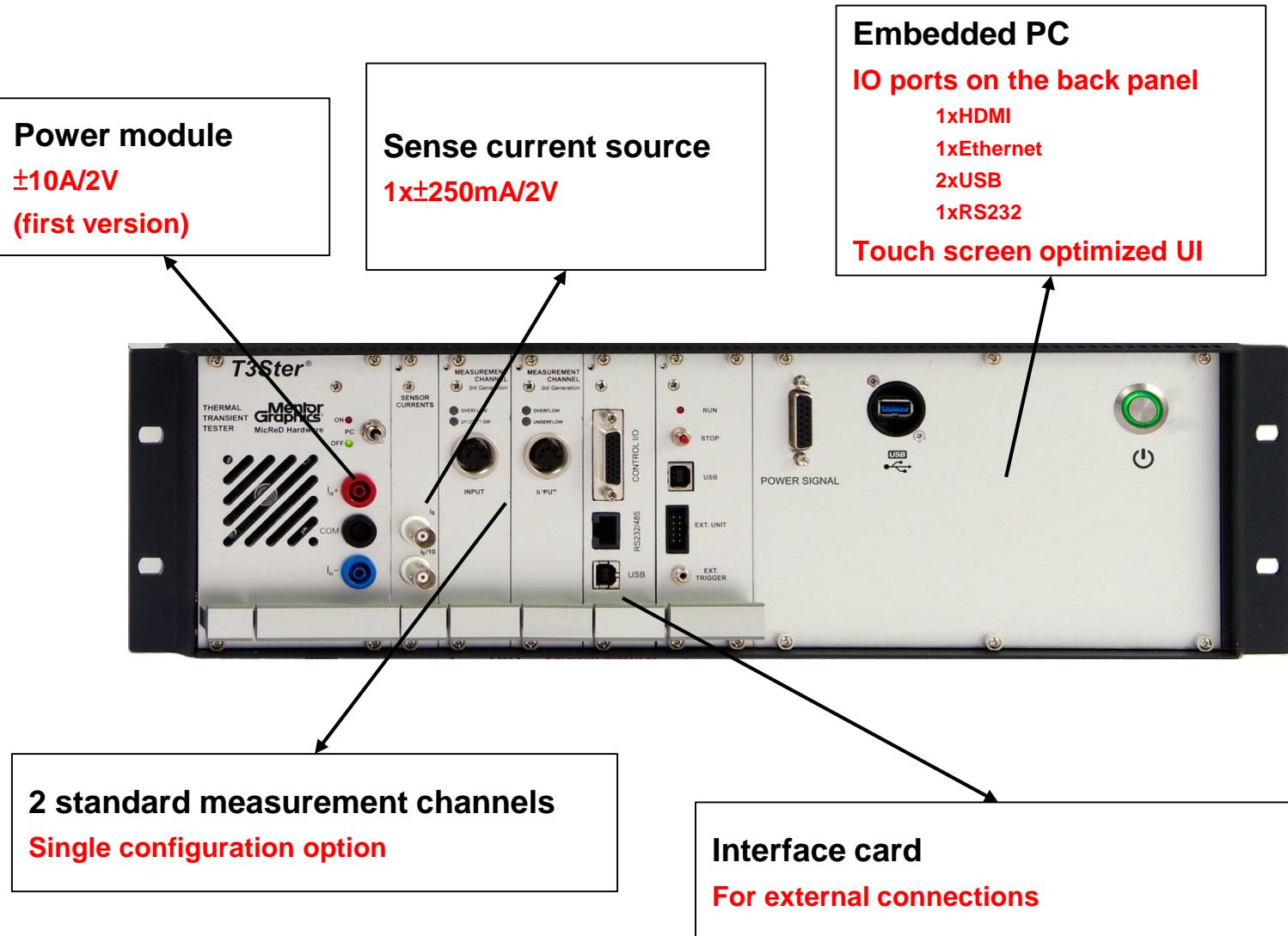
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# T3Ster S Introduction



- 簡易形的一台T3Ster
- 使用上一樣便利
- 軟體已整合在系統當中

# T3Ster S Introduction-Specifications



## Specifications:

- 加熱電流源
  - 1x 10A@2V
- 感測電流源
  - 1x 250mA@2V
  - 1x aux Is/10 output
- 暫態熱阻量測
  - 2 standard T3Ster measurement channels
- 內建工業電腦且為觸碰式螢幕
- 已安裝後處理軟體T3Ster Master

# T3Ster S Introduction-Specifications



- T3Ster size subrack: a 2 ch T3ster, PC inside, touch-screen
- No transistor drive, booster can be added
- lower priced than T3Ster
- Touch UI for a subset of defined T3Ster measurements
- Can be integrated to other systems easily

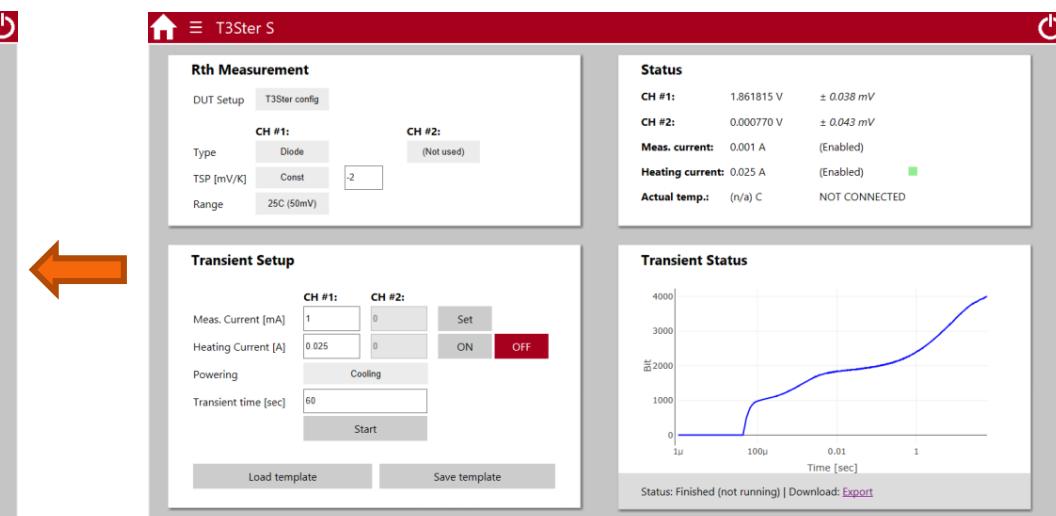
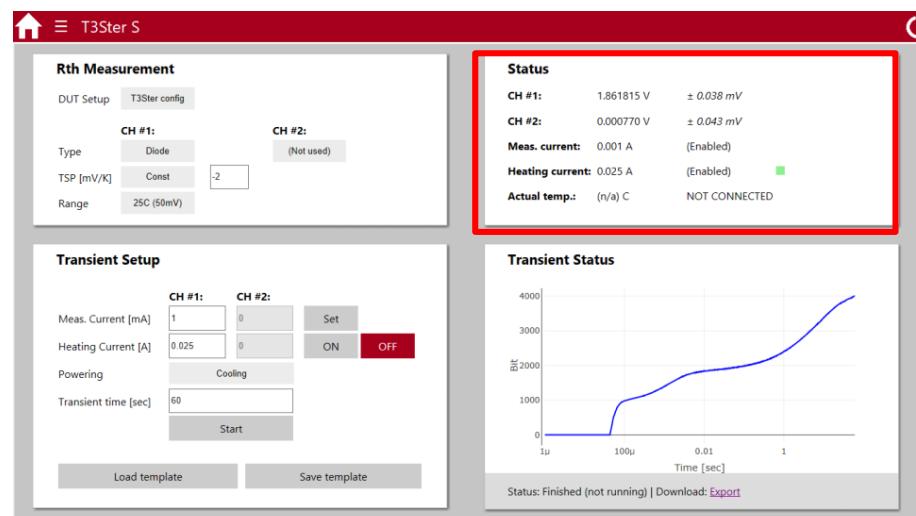
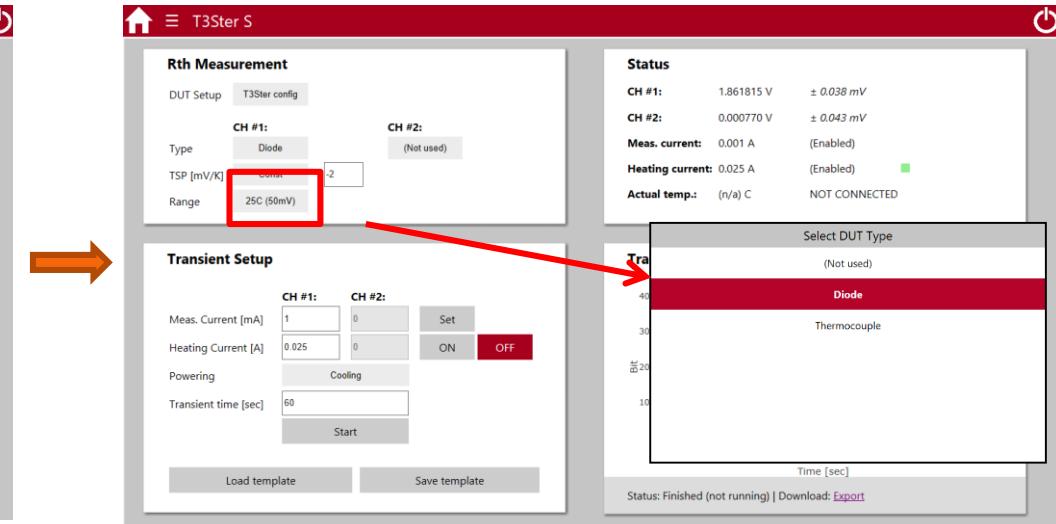
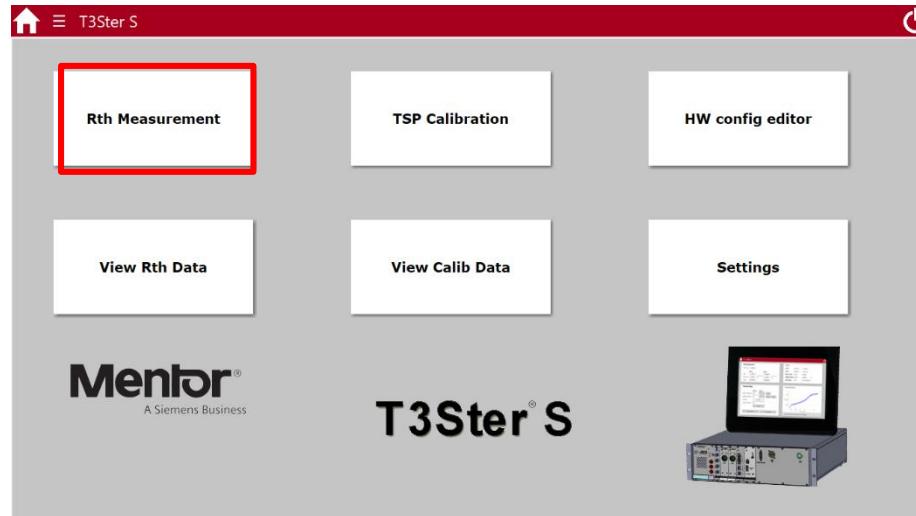
# Software Integration in system



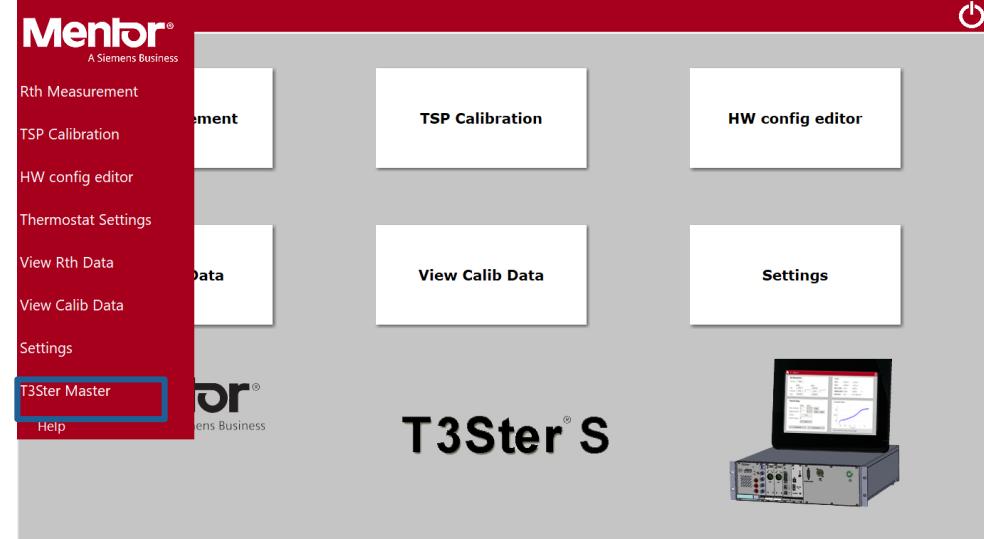
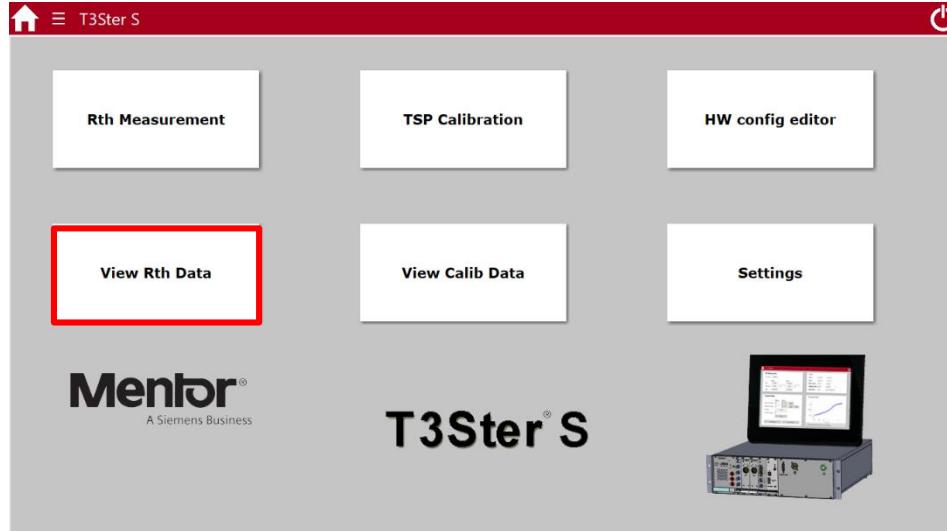
- Home Page: can measurement and check data

The screenshot displays the T3Ster S software interface. At the top, there is a red header bar with a home icon, a menu icon, and a power icon. Below the header, there are two rows of three buttons each. The top row contains "Rth Measurement", "TSP Calibration", and "HW config editor". The bottom row contains "View Rth Data", "View Calib Data", and "Settings". In the bottom left corner, the Mentor logo is visible, followed by the text "A Siemens Business". In the bottom center, the text "T3Ster® S" is displayed. On the bottom right, there is a photograph of the physical hardware, which is a rack-mounted unit with a monitor displaying the software's graphical user interface.

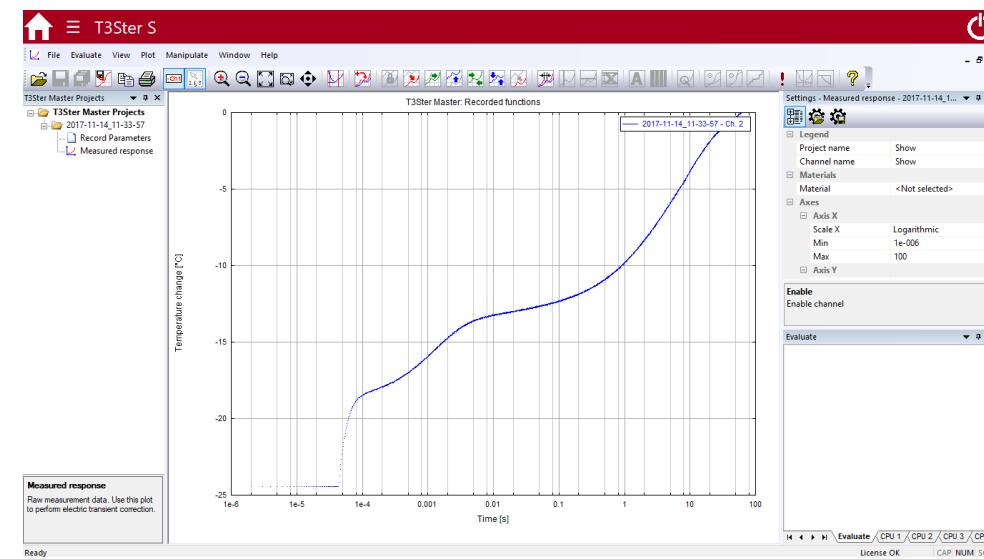
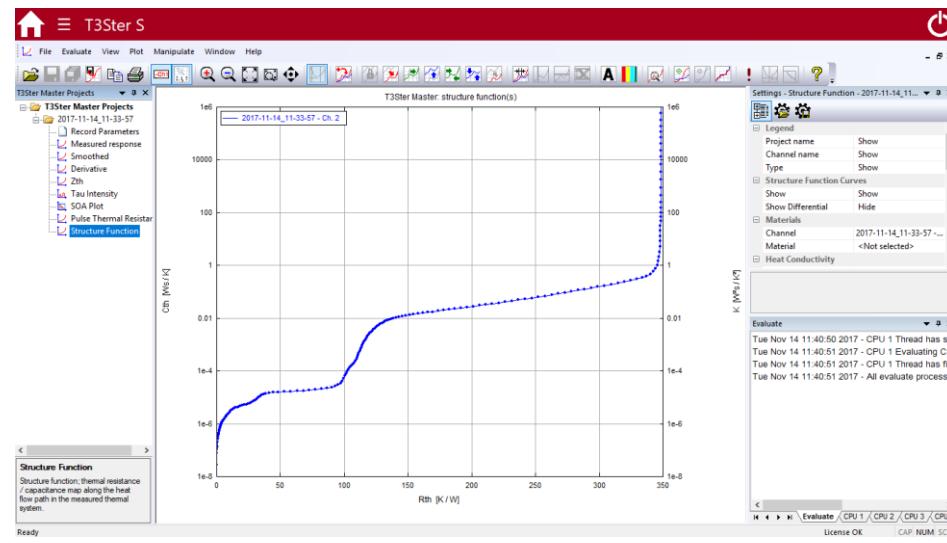
# R<sub>th</sub> Measure and TSP Calibration



# Check data by internal T3SterMaster



T3Ster® S



License OK CAP NUM SCRLL

# T3Ster S Introduction-Application



## T3Ster-S can do:

- „ **Standalone diode measurement** with internal current sources
- „ **Thermocouple measurement** (with external thermocouple preamp)
- „ **Automated TSP calibration** (with external thermostat)
- „ **Boosters are supported**, but only for diode measurement (LV, HV, 240A), only TDK power supplies are supported

## T3Ster-S cannot do:

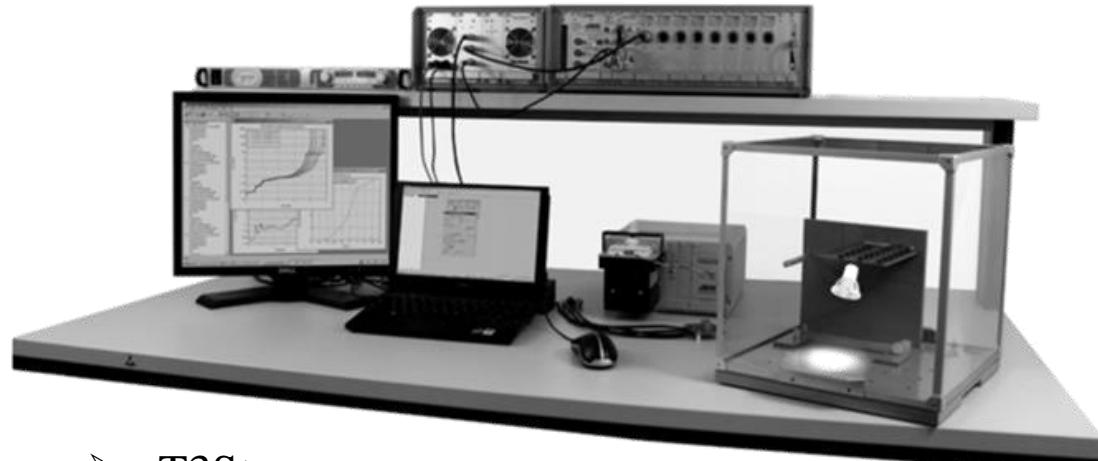
- „ Transistor measurements are not supported
- „ Restricted T3Ster Master functionality
  - T3Ster Master can be used to view and process measurement results on the system, but structure functions (evaluation files) cannot be exported
  - No initial transient simulation possible
- „ No DynTIM support (in the first version, may be added later as SW feature)
- „ No TeraLED support (in the first version, may be added later as SW feature)
- „ No third party SW can run on the built in computer

# T3Ster S and T3Ster Compare



Functionality	T3Ster-S	T3Ster
Works without a PC, touch UI	✓	✗
Diode measurement (up to 2 channels)	✓	✓
Booster support	✓	✓
Measurement on more than 2 channels	✗	✓
Transistor measurement	✗	✓
Transistor measurement with 240A booster	✗	✓
TeraLED support	✗	✓
DynTIM support	✗	✓
Bundle includes T3Ster Master	✗	✓

# T3Ster System 應用



➤ T3Ster  
JESD51-14 Rthjc量測  
JESD51-2A Rthja量測

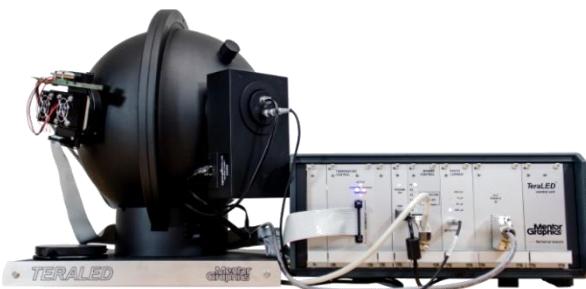


➤ T3Ster S



➤ TeraLED  
光熱耦合量測

➤ DynTIM  
材料熱傳導係數量測

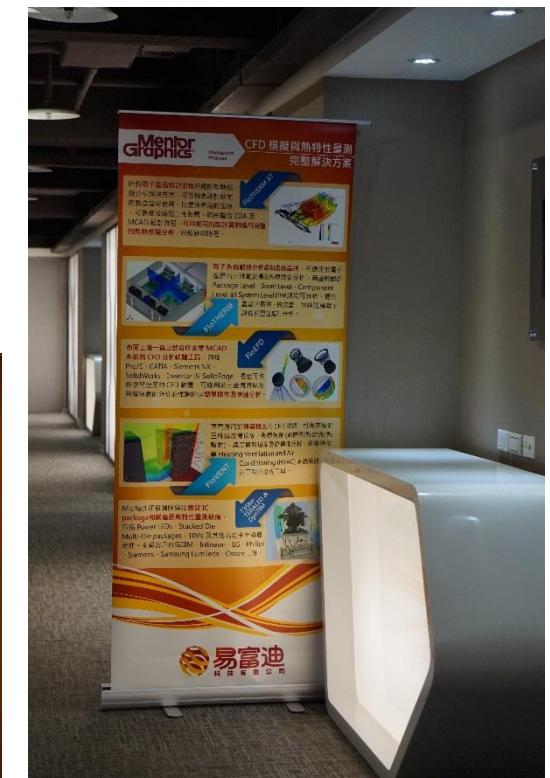


- Power Tester 1500A
- Power Tester 1800A
- Power Tester 3600A
- Power Tester 600A
- Power Tester 2400A
- 功率迴圈之可靠度測試

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