



TERALEADER World Best R&D Technology!

# AMPOULE FURNACE

for ALL SOLID-STATE BATTERIES

TLP-1109-AFP  
TLP-1109-AFH

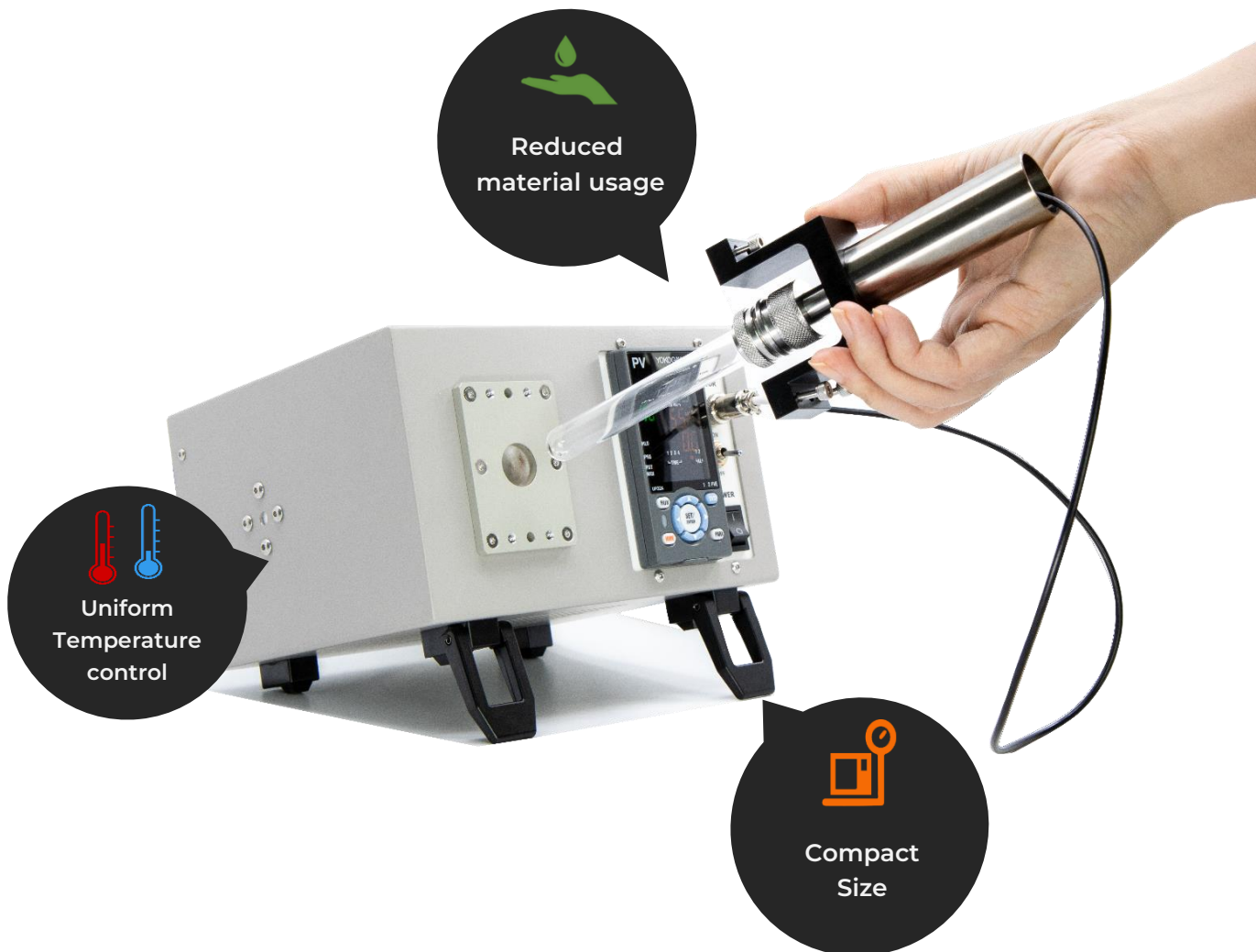
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# Ampoule Furnace

Thermal annealing and Compact Size

- Features include ampoule-type design, reduced material usage, rapid heat annealing, and uniform rotational heat treatment.



# Ampoule Furnace

Thermal annealing and Compact Size

## Various Temperature Range

TLP1109-AFP



Standard  
Room. Temp ~ Max. 800 °C

TLP1109-AFH



High temperature model  
Room. Temp ~ Max. 1050 °C

## Accessories

- Various applications are possible depending on the options chosen.



	Feature
Vacuum ampoule	Vacuum and inert gas atmosphere
Vacuum and rotation ampoule	Rotation and vacuum atmosphere at once.
Gas Flow ampoule	Capable of gas flow.

# Ampoule Furnace

Thermal annealing and Compact Size

TLP1109-AFH



## Specification

	Unit	TLP1109-AFP	TLP1109-AFH (High temperature type)
Temperature range	°C	RT +20 ~ 800 °C	RT +20 ~ 1050 °C
Dimension	WxDxH, (mm <sup>3</sup> )	210 x 125 x 180	260 x 220 x 200
Max. Temperature increase	°C/min	200	200
Max. Temperature decrease	°C/min	40 (400~800 °C)	40 (400~800 °C)
Temperature resolution	°C	+/- 0.1 °C	+/- 0.1 °C
Ampoule diameter	mm	OD 14	OD 14
Temperature Uniform zone	mm	20	20
Power requirement	kW	0.6	1