

Simulation of real-life conditions by In-situ BOX

In-situ BOX for simulation of real-life conditions, temperature control and power supply, during the CT analysis.



Allows study of **temperature** effect on the samples

- -30°C to 60°C climate control



Allows **power supply** of the sample during CT scan

- Battery cycling (charging & discharging) function



Modular and customizable

- Interchangeable sample holders for various applications

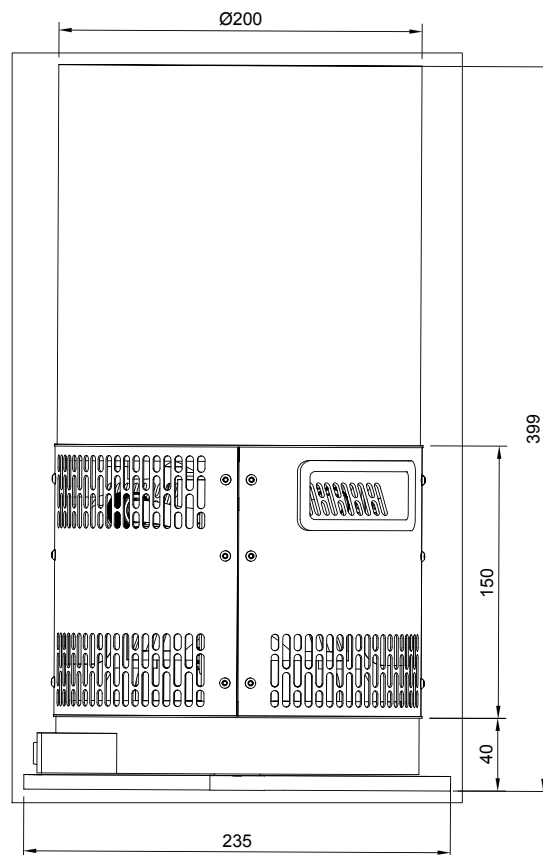
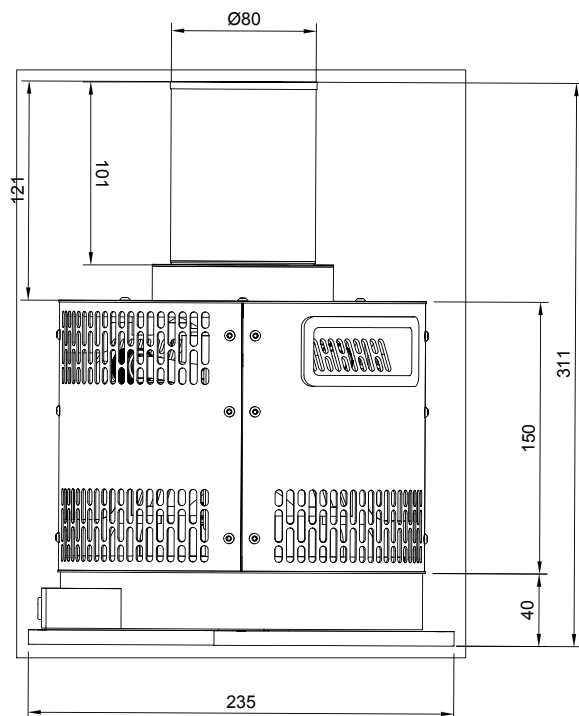


Quick and easy mounting



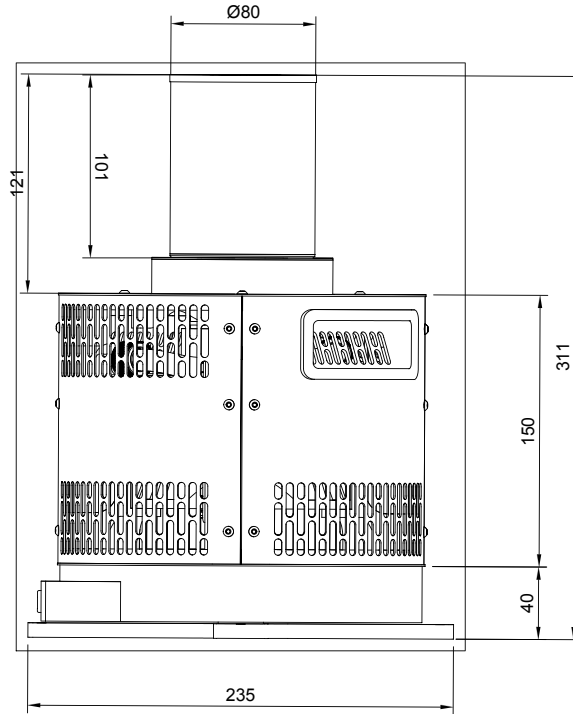
Scan to get more information
or contact us on sales@cactux.cz

In-situ Thermal BOX Datasheet



	Standard size version	Maximum size version
Sample area [mm]	Ø25x35	Ø133x190
Temperature range	-30°C to 60°C	-20°C to 60°C
Max ramp up time (from min to max)	5 min.	90 min.
Temp. accuracy	±1 °C	
Thermometer accuracy	±1 °C	
Device max dimensions [mm]	Ø235x311	Ø235x399
Control unit dimensions [mm]	198x301x105	
Weight	4 kg	4.5 kg

In-situ Battery BOX Datasheet



	Standard size version	
Sample specification	18650 battery cell	21700 battery cell
Temperature range	-30°C to 60°C	
Max ramp up time (from min to max)	8 min.	
Temp. accuracy	±1 °C	
Thermometer accuracy	±1 °C	
Maximal battery current	8 A	
Control unit dimensions [mm]	198x301x105	
Device dimensions [mm]	ø235x311	
Weight	4 kg	