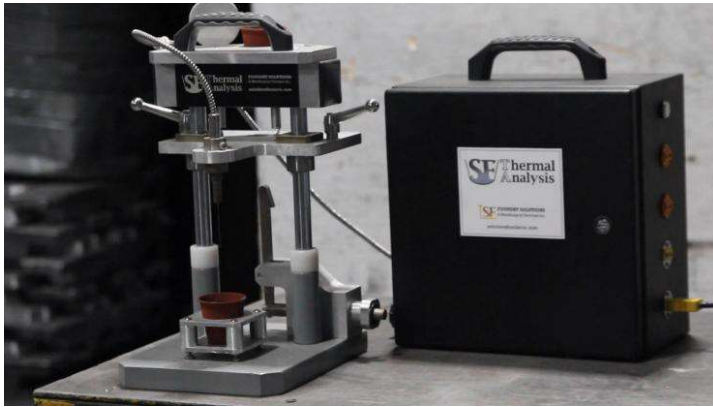


SFTA Thermal Analysis

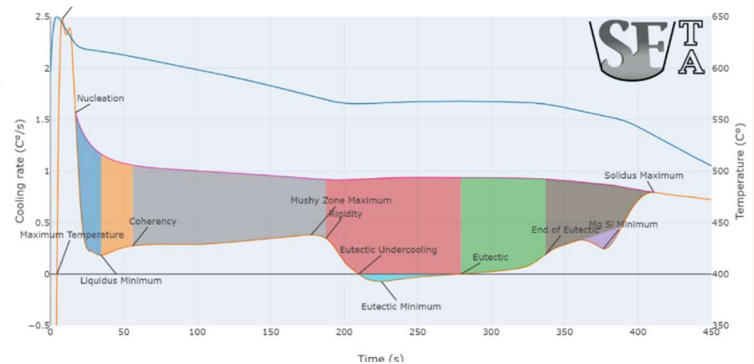


Measure the solidification properties of your aluminum before casting

- Grain refinement and eutectic modification control
- Intermetallics (Mg₂Si, Al₂Cu, etc.)
- Solid Fraction curve for simulation software
- Grain refinement in 2 minutes; full curve in 6 minutes
- User friendly software and robust hardware
- Customizable quality indicators

Liquidus	616.72
Eutectic Recalescence	2.99
Modification	1
Solidus	535.42

Grain Refinement



Technical Characteristics

Alloys	356 (AlSi7.5Mg0.45) 319 (AlSi6Cu3.5) 380 (AlSi9.5Cu4) 413 (AlSi13) 201 (AlCu4.5) 512 (AlMg2.5) 712 (AlZn6.5) Other grades and ferrous alloys available on demand
Consumables & Accessories	Glass sheath, Coated sampling cup, Thermocouple, Thermocouple Alignment Gauge, Thermocouple height gauge
OS Requirement	Windows 10 (Computer provided by costumer)
Power supply	USB 2.0 Cable
Weight	SFTA Sampling Stand: 16 kg SFTA Box :7.5kg
Size	SFTA Stand: 20cm x 25 cm x 40 cm SFTA Box: 17cm x 31cm x 31 cm
For more info	https://www.solutionsfonderie.com/thermal-analysis/