

# THERMO - ANALYSIS

System for evaluation and documentation of grain refinement and modification condition

Automatic System for the Analysis and assessment of the grain refining, modification condition and solidification character of aluminium alloys. Independent satellite station with bidirectional function, for the connection to a TA-master-station inclusive automatic initialization, determination, display on monitor and communication via network.



Type: TA760ES



## equipment & included accessories:

Temperature - Datalogging  
Industrial PC, Intel® ATOM CPU, SSD, Windows 10 IoT 2019 LTSC  
8,4" TFT Monitor  
Keyboard with Safe-Skin, 84 keys

2 Sample mould holders  
1 Sample ladle  
1 semi automatic thermocouple injector  
2 Ceramic sample moulds  
1 high sensitive thermocouple ( NiCrNi )  
100 Ceramic sleeves

## technical data:

Dimensions: ca. W:500 x D:700 x H:650 mm  
Weight: ca. 38 kg  
Energy: 230V ~ 50 Hz or 115V ~ 60 Hz, 50 watt

Measuring and analysis range 700 - 480 °C  
Datalogging: up to 60 measurements/sec with a resolution of 0.1 °C

# I D E C O

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