

IGT-3 APPARATUS

DETERMINATION OF THE CRITICAL IGNITION TEMPERATURE
OF MATERIALS UNDERGOING SELF-HEATING

Model: IGT-3

ver. 3.1, 2016

STANDARD REFERENCES:

- **EN 15188:** Determination of the spontaneous ignition behavior of dust accumulations.
- **VDI 2263:** Hot storage tests, part 1, method 1.4.2
- **UN Recommendations on the Transport of Dangerous Goods** - Model Regulations Eighteenth revised edition. Rev. 19 (2015).



HEATING OVEN:

Volume	115 L
Body	stainless steel
Thermocouples	3 x Ø1, type K Inconel® shield silicone cables
Heat exchanger	bottom inlet copper tube coil outlet – adjustable opening
Data acquisition block	data export USB connection
Dust baskets	stainless steel mesh 10cm ³ - 1000cm ³ other volumes (optional)
Temperature range	up to 300°C
Power supply	110 or 230VAC 800 VAC

ACCESSORIES:

Stainless steel dust baskets, cubic shape

accessories for cleaning – one set

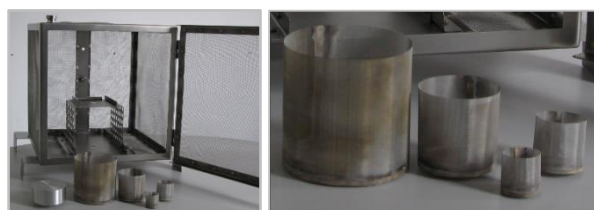
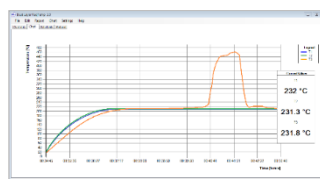
Manuals: instruction/maintenance manual,
installation guide

ANKO ReqTemp® DATA ACQUISITION SOFTWARE:

Temperature registration	long periods
Sampling speed	user defined, from 1s
Data format	txt

Features:

- enlargement of selected data
- test report printing
- diagram printing
- sample description
- test description
- calibration procedure within software



The specifications given in this document represents the state of engineering at the time of publishing.
We reserve the right to make modifications to above specifications.