

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

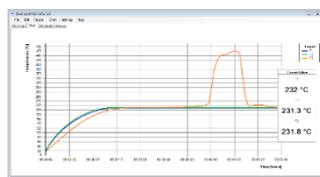
Manuals: instruction/maintenance manual,
installation guide

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.