

# Temperature After Die System

The Daniit Temperature After Die System (TADS), is developed for the purpose of measuring the core temperature of pellets at the hottest possible point in the pelleting process. This is done without the interference from the airstream from die chamber and cooler.



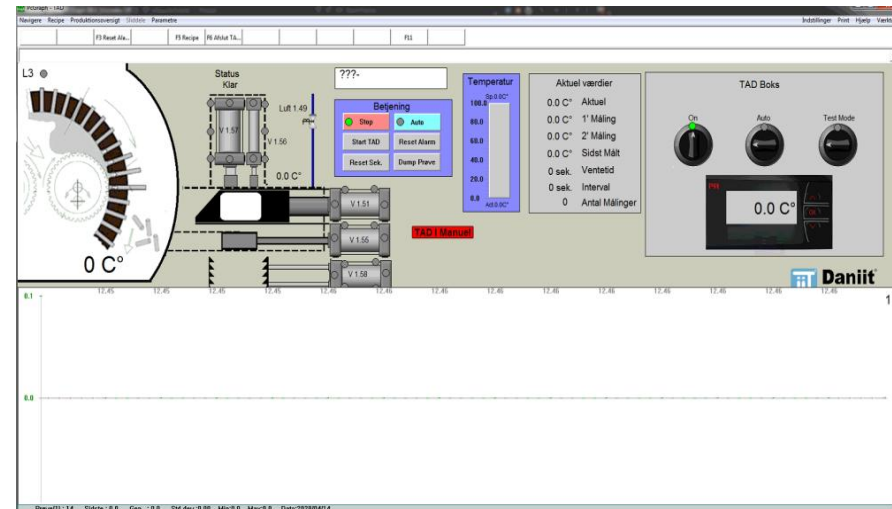
The TADS system, is qualified as an automatic measuring unit for documenting heat treatment under the production specification of the Danish Poultry Association’s guidelines for good production practices.

The TADS unit consist of:

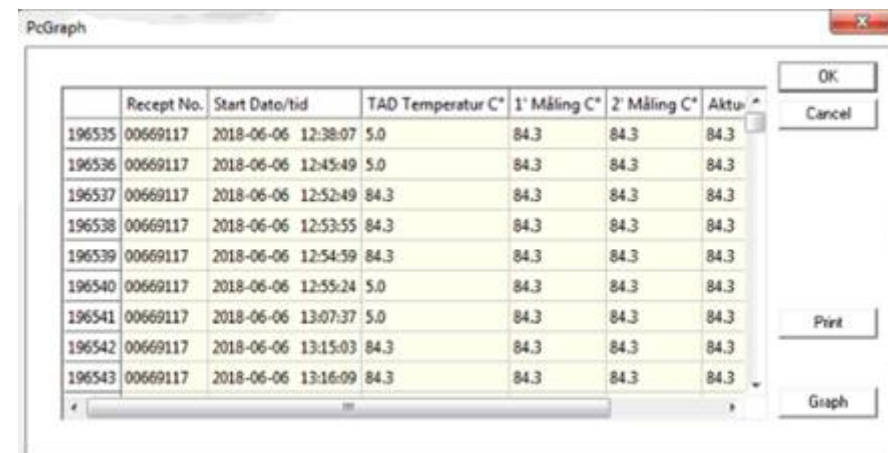
- Sampeltaker in material with low heat loss
- Compression cylinder for compressing sample
- Cylinder for temperature sensor
- High speed temperature sensor

The TADS software consists of:

- SCADA visualization unit for monitoring and control
- SQL-Database for storing data

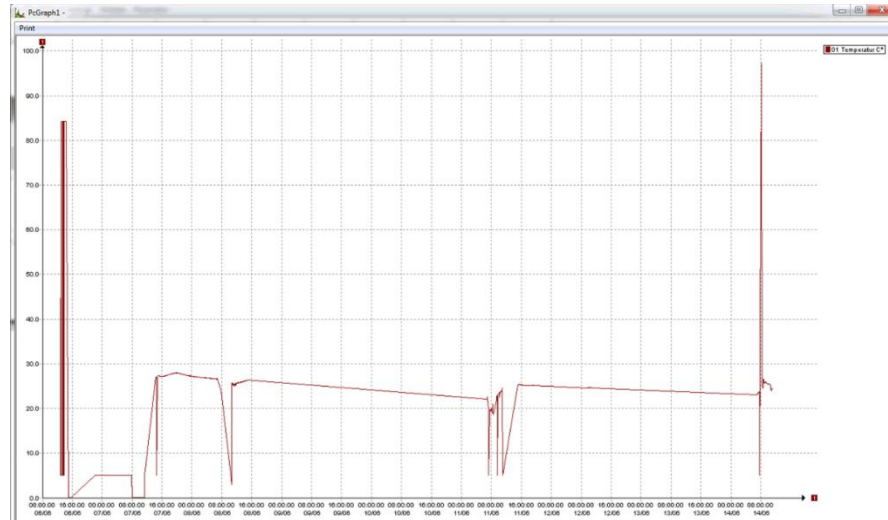


- Software for recalling and data



	Receipt No.	Start Dato/tid	TAD Temperatur C°	1' Måling C°	2' Måling C°	Aktu
	196535	00669117	2018-06-06 12:38:07	5.0	84.3	84.3
	196536	00669117	2018-06-06 12:45:49	5.0	84.3	84.3
	196537	00669117	2018-06-06 12:52:49	84.3	84.3	84.3
	196538	00669117	2018-06-06 12:53:55	84.3	84.3	84.3
	196539	00669117	2018-06-06 12:54:59	84.3	84.3	84.3
	196540	00669117	2018-06-06 12:55:24	5.0	84.3	84.3
	196541	00669117	2018-06-06 13:07:37	5.0	84.3	84.3
	196542	00669117	2018-06-06 13:15:03	84.3	84.3	84.3
	196543	00669117	2018-06-06 13:16:09	84.3	84.3	84.3

- Diagrams for document production temperature



- Interface to cloud database solution

This gives you the benefit of having common point for all your production data across your production lines.

### The benefits of the Daniit Temperature After Die System

You will be able to:

- Measure correct core temperature of the pellets. Too high temperature means increasing costs of energy and possible deterioration of raw materials. Too low temperature means too long recirculation of feed for re-heating.
- Automate sampling and registration of data, will give you good documentation for your production temperatures.



### The possibility for interfacing with other systems

Besides being a stand-alone system for data acquisition, the Daniit Temperature After Die System (TADS) can also interface with other control systems.

This could be with the Daniit TOPS system, that controls and optimizes the pellet mill line or form an integrated part of the Daniit Extruder Control System (DECS) and Daniit Plant Control System (PCS).

If you would like to know more about, what our TADS can do for you, please contact us at:

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