

# Daniit Online Density System

The Daniit Online Density System (DODS) is developed for the purpose of testing the density of pellets within the Animal feed and Pet food industry.



Mechanical parts are controlled by a PLC program

The Daniit Online Density System (DODS) can work as a stand-alone unit displaying and registering data or be integrated with other Daniit systems such as TOPS pellet mill control and optimization systems, extruder control system (DECS), Plant Control System (PCS) or systems in general from other suppliers.

## The benefits of the Daniit Online Density System

You will be able to:

- Conduct correct measurement of product density
- Automate sampling and density testing can result in staff optimizations and reduction of resources used
- Be certain that density tests are carried out in a uniform and documented manor
- Conduct traceability of density
- Assist feed mills and pet food plants in better planning of product silos

## The possibility for interfacing with other systems

Besides being a stand-alone system for data acquisition, displaying and logging of these, the Daniit Online Density System (DODS), can also interface with other equipment controls.

As stated, this could be the Daniit TOPS system that controls and optimizes the pellet mill line. In this way TOPS is comparing the actual PDI with the set value for every formulation and if there is an off-set, TOPS will make the necessary adjustment(s). These adjustment(s) will depend on the actual configuration of the pellet mill line, where some of the parameters could be:

- Steam
- Capacity
- Pressure in pre-compression equipment (Expanders, BOA, HFC, Feed Processors etc.),
- Retention time
- Binders and roller distance
- FAT test, applied before, under and after the die

## We know exactly, what it means to you.....

.....when building, running and maintaining a process plant, which typically involves a large number of functions that interact with each other. Misidentification and/or incorrect deliveries cause delays in any step of the manufacturing process and increases costs for everyone.

If you would like to know more about, what our Online Density System (DODS) can do for you, please contact us at:

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