

Daniit Online Quality System

The Daniit Online Quality System (DOQS) is developed for the purpose of testing the quality of pellets i.e. the so-called Pellet Durability Index (PDI) within Animal feed, Pet food and Aqua feed industries, and to measure the level of fines in the process.



PDI Tester with controller and sample taker

The Daniit Online Quality System (DOQS) system works as a stand-alone unit displaying and registering data, but can preferably also interface with other control systems or systems in general from other suppliers.

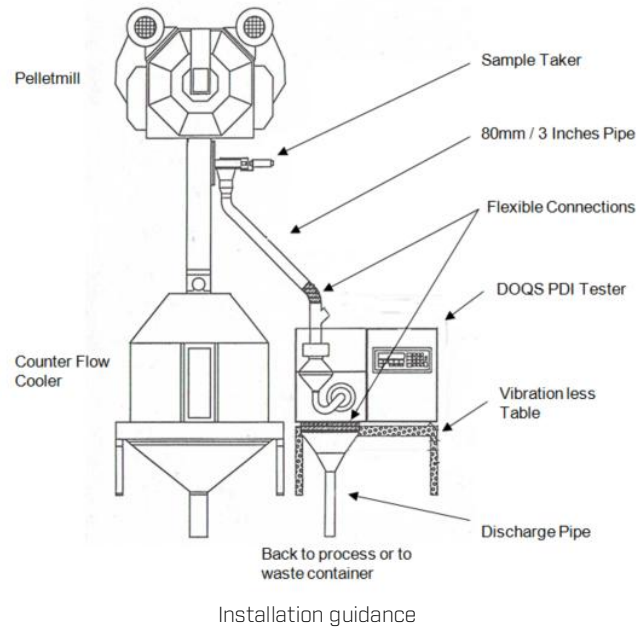
The benefits of the Daniit Online Quality System

You will be able to:

- Measure correct and optimum pellet quality. Too high PDI means increasing costs of energy and raw material. Too low PDI means customer complaints and possible loss of market share
- Automate sampling and quality testing can result in staff reductions and reduction of resources used
- Be certain, that PDI and fines tests are carried out in a uniform way and documented
- Optimize raw material usage by adjusting PDI factor in the Least Cost Formulation Program with real life PDI readings
- Optimize dosage of liquid components, steam and binders as well as capacity.
- Conduct traceability of PDI
- Measure die condition through data on the amount of fines in the process after pelleting
- Assist feed mills in supplying more homogeneous products to the market

The installation of the Daniit Online Quality System

The construction of the Daniit Online Quality System (DOQS) is particularly designed for the environment within the animal feed and pet food industry as mechanical parts are manufactured in stainless steel and the control section is made in IP64 painted enclosure.



- Alternative installation of sample taker after cooler or in finished product routing is also possible
- High level of repeatability
- Approx. 18-20 tests per hour depending on settings
- Can be calibrated to Phost (Thumpling Can), Quick Test etc.
- Crucial with regards to ISO-certificate
- Reveals wear on the die

The possibility for interfacing with other systems

Besides being a stand-alone system for data acquisition, the Daniit Online Quality System (DOQS) 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).



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 Quality System (DOQS) can do for you, please contact us at:

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