NIRS™ DS2500/DS3 Automization
Process Robot Laboratory Technology

Robot-operated handling of NIRS™ DS2500/DS3 instrument.

Product sample grinding with an integrated automated cup washing feature.

Inline product sampling & conveying to a robot laboratory from anywhere in the process.
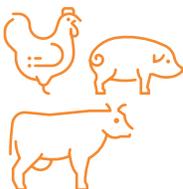
CheckMaster™

Robot including product sample preparation tool

Automate any NIRS™ DS2500/DS3 instrument

Watch video

Patented robot-operated laboratory technology that can be used both in process and laboratory environments. Inline samplers will provide products for the automatic process robot laboratory subject to NIR & physical analysis, such as bulk density, durability (PDI), water activity (aw), particle sizing and much more. The process laboratory automatically operates standard NIR instruments such as FOSS NIRS™ DS2500/DS3. QA software forwards the latest analytical results to operators and laboratory resources during manufacturing.

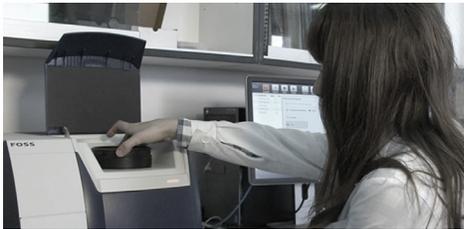**Animal feed**   **Pet food**   **Aquatic feed**   **Powders**   **Grain & flour**

ATLINE

Robot-controlled physical quality control
Pet food: Bulk density, water activity, product sizing...
Dairy powder: Bulk & tapped density, water activity, scorched particles...
Animal feed: Bulk density, PDI, water activity...

Reduce human resources by robot automation
Grinding a product sample prior to analysis.
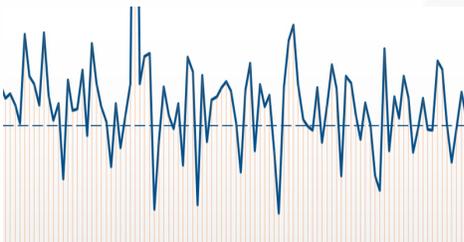Automatic cup washing & drying of the NIR cup.
Automatic filling & emptying of the NIR cup.

Inline sampling & conveying
Inline sampling on demand.
Fixed volume sampling technology.
Integrated vacuum conveying.

Reduce moisture & protein give-away
Optimize moisture content in the finished product.
Reduce protein give-away.
Analyzes from raw material intake to packing.

Process QA software
QC alarms for operators.
QA reports for each manufacturing order.
QA dashboard information on-the-fly.

Click for more info

Contact FOSS North America
Phone: +1 952-974-9892
Option 2, for Inside Sales
info@fossna.com

www.atline.com