

# N-SENS ProKnife



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Spectroscopic Solutions for Industries

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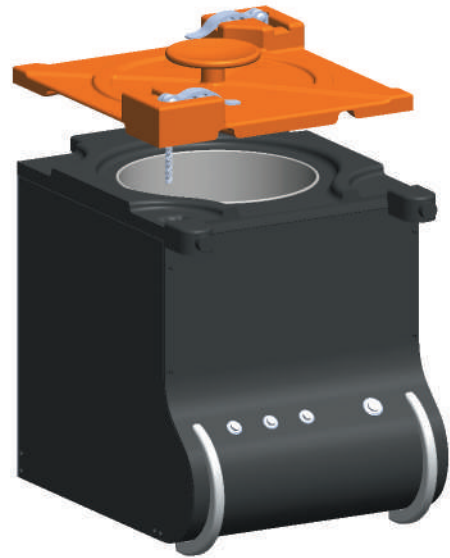
N-SENS ProKnife is a water cooled laboratory sample mill for grinding of grain, seed and feed samples with high fat, high moisture and fiber content. N-SENS ProKnife provides fast and simple grinding process with its unique design, while simultaneously taking the sample preparation step to a new point thanks to its easy maintenance. N-SENS ProKnife ensure grinding and homogenizing samples including dry, soft, medium-hard and hard texture. N-SENS ProKnife can be easily operated and cleaned, especially for temperature sensitive samples thanks to its water-cooled feature.

## Fast Sample Preparation

- Thanks to the high speed rotor, the fast grinding process is provided in desired times between two and ten seconds.
- Timer control allows the grinding process to be highly repeatable and homogenous.

## Safe Operation

- The robust and unique design ensures safe and easy operation.
- Easy to open and close thanks to its cover with safety key, ProKnife prevents accidental operation of the mill when the cover is open.
- After grinding, it is easily fixed on radial legs with one hand, allowing fast and efficient sample collection.



## Technical Specifications

Sample Type	Grain, cereal, seed, feed (including pelleted-up to 6 mm)
Sample Size	Up to 500 g
Grinding Speed	25 000 rpm
Particle Size	Depending on the sample type
Timer Options	2-5-10 sec
Safety	Microswitch
Cleaning	Manual
Water Supply	2 l/min, 10-15 °C
Dimensions	245x310x330 mm
Weight	12 kg
Power Supply	220-240 V, 50-60 Hz