

## NHP200

### Pellet Durability Tester

- ♦ Automatic
- ♦ Suitable for Animal Feed & Wood Pellets
- ♦ Fast and Simple Operation
- ♦ Fines Removed During Test
- ♦ Repeatable Accuracy of  $\pm 0.1\%$
- ♦ Results displayed on LCD Touch Screen



#### Operation:

Automatic

#### Pellets Tested:

Feed & Wood

#### Sample Amount Required:

95g-105g

#### Function:

Lab Tests

#### Used for:

Setting and Measuring  
Benchmark

#### Hole Diameter of Mesh Hopper:

2.5mm

The NHP200 is our flagship pellet durability tester used for calculating the Pellet Durability Index (PDI) of feed and wood pellets by simulating pellets transportation environment from mill to trough.

The NHP200 is a desktop tester suitable for laboratories and busy testing environments, designed to provide a quality benchmark that can be used to monitor the standard of output and optimise a mills production.

A minimal amount of human input ensures consistent and reliable results, as well as allowing more time for the operator to complete other tasks.

Fitted with a 2.5mm diameter perforated hopper, the NHP200 is ideal for testing pellets with a diameter of 3-12mm.

### Average test time of only 4 minutes!

Manually sieving and weighing pellets can be time consuming and inconsistent. The NHP200 removes the process of sieving and weighs the sample internally.

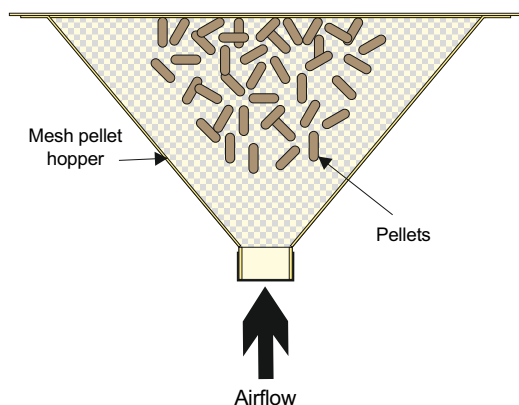
Once a sample of pellets is loaded into the NHP200, it removes any fines, weighs the sample, tests the pellets, weighs the remaining sample and calculates the PDI.

Results are recorded and displayed on an LCD screen and can be printed or sent digitally to a computer.



## The Holmen Test

The Holmen Pellet Durability Test is a form of testing that is recognised worldwide. Four models are available in the range, providing a solution for any mill or facility.



- ♦ Pellets are placed into a perforated mesh hopper
- ♦ Air is blown into the bottom of the hopper at 70mBar, cascading the pellets into the air
- ♦ Pellets collide with each other and the sides of the hopper
- ♦ Fines filter through the hopper to a chamber below where they can be removed

## Holmen Range

NHP100



Portable / Manual  
Feed Pellets

NHP200



Desktop / Automatic  
Feed & Wood Pellets

NHP300



In-line / Automatic  
Feed & Wood Pellets

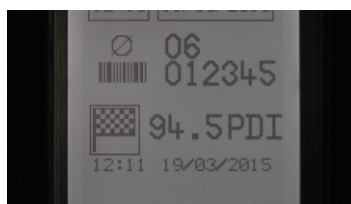
Ligno Tester



Portable / Manual  
Wood Pellets

## NHP200 Test Method

- ♦ Operator tips pellets into the machine
- ♦ Operator inputs pellet size and batch number on touch-screen
- ♦ NHP200 removes fines, weighs pellets, tests pellets, re-weighs pellets and calculates PDI.
- ♦ Pellets and fines are discharged into a container, or the 15Ltr discharge chamber (optional)
- ♦ PDI results are shown on the LCD screen
- ♦ PDI results are printed or sent to a computer (optional)



PDI results shown on the LCD screen



Standard discharge container



15Ltr discharge chamber  
(optional)

### Standard NHP200 Includes:

- ♦ NHP200
- ♦ Pressure Gauge Calibration Certificate
- ♦ Power Cable
- ♦ User Manual
- ♦ Sample Cup

### Size:

Depth: 400mm  
Width: 720mm  
Height: 700mm  
Weight: 50kg

## Distributed Worldwide

110V-115V & 220V-240V, 50 & 60Hz available