

HOLMEN®

NHP200

Series 2 Pellet Durability Tester



- **Semi-Automatic**
- **Suitable for Animal Feed & Wood Pellets**
- **Fast and Simple Operation**
- **Fines Removed During Test**
- **Repeatable Accuracy of $\pm 0.1\%$**
- **Results displayed on Colour Touch Screen**
- **Digital Self Calibration now built in**
- **Now includes dedicated Fines Calculation**

“Average test time of only 4 minutes!”

Operation:
Semi-Automatic

Pellets Tested:
Feed & Wood

Sample Amount Required:
95-105g

Function:
Lab Testing

Used for:
Setting and Measuring Benchmark

Hole Diameter of Mesh Hopper:
2.5mm

The NHP200 Series 2, is the flagship Holmen pellet durability tester used worldwide for calculating the Pellet Durability Index (PDI) of feed and wood pellets by simulating the pellet transportation environment from mill to trough.

The NHP200 Series 2, 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 Series 2, is ideal for testing pellets with a diameter of 3-12mm.

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 stored, and displayed on a colour LCD screen, or can be printed, or sent digitally to a computer via ethernet.



TEKPRO® www.tekpro.com

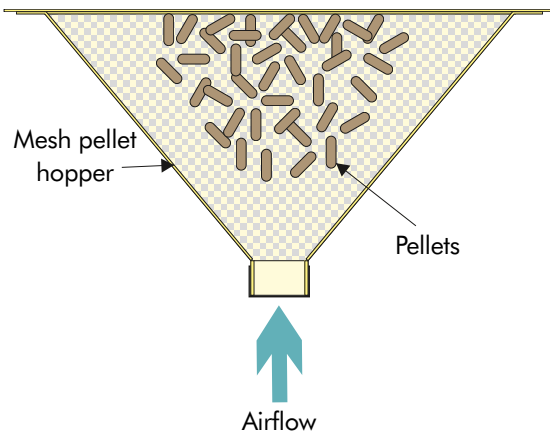
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HOLMEN®

NHP200

Pellet Durability Tester

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.



The Holmen Test

- ◆ 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.

The Holmen Range of Pellet Durability Testers

NHP100



Portable / Manual
Feed Pellets

NHP200 Series 2



Desktop / Automatic
Feed & Wood Pellets

NHP300



In-line / Automatic
Feed & Wood Pellets

Ligno-Tester



Portable / Manual
Wood Pellets

NHP200 Series 2 - Test Method

- ◆ Operator tips pellets into the machine.
- ◆ Operator selects pellet size and inputs an alpha-numeric batch number on colour touch-screen interface, then presses the Green Start Icon.
- ◆ NHP200 removes fines, weighs pellets, tests pellets, re-weighs pellets and calculates PDI. All Automatically.
- ◆ Once tested, pellets and fines are discharged into a container, or the 15Ltr discharge chamber (optional).
- ◆ PDI results are displayed on the colour LCD screen.
- ◆ Recorded test results can be printed, or sent to a computer network or email as a CSV file.



PDI results recorded and displayed on the new colour LCD touch screen



Standard discharge container



15Ltr
discharge
chamber
(optional)

NHP200 Series 2 Includes:

- ◆ NHP200 with 2.5mm Mesh Hopper
- ◆ Power Cable
- ◆ Sample Cup
- ◆ Ethernet Socket for Network connectivity
- ◆ User Manual

Distributed Worldwide

110V-115V & 220V-240V , 50 & 60Hz available
Size: 400mm deep x 720mm wide x 700mm high
Weight: 50kg



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