



Laboratory Rice Test Mill PAZ-1 DTA

ZACCARIA

PAZ-1

Model:

PAZ-1 DTA

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Motor hp (kw):

60 hz: 50 hz:

0.5 (0.37) 1 (0.75)

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Capacity on sample of paddy ounces (g):

3.5 (100)

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Approx. shipping volume cu. ft. (m³):

10.5 (0.3)

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Approx. shipping weight lbs. (kg):

260 (118)

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Machine dimensions inches (mm):

Length	Width	Height
35.3 (905)	15.0 (385)	49.1 (1260)

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**Length Separator****Kit of thickness sizer (optional)****Digital Scale (optional)**

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Laboratory Rice Mill PAZ-1 DTA

The Zaccaria Rice Mill model PAZ-1 DTA has been developed for determining milling yields in rice processing. Each variety of rice has their own milling yields, depending upon field conditions, rice variety, weather and other factors. Therefore it is essential to determine the total yield & percentage of whole grains that will be obtained during milling. Considered the most important single piece of equipment in a rice test lab, it is suitable for the full range in the rice industry - rice producers to industrial rice millers - as it is used to provide accurate and reliable references when marketing the product. Based on the same working principle as commercial milling equipment, this rice tester separates the husk from paddy, whitens and grades the rice by length and/or thickness. The result from the lab mill duplicates the mill performance.

INNOVATIONS

The PAZ-1 DTA allows the operator to standardize settings, giving reliable results on repetitive tests. All parameters system can be calibrated, so that test results remain unchanged even when the machine is run by different operators.

CONSTRUCTION CHARACTERISTICS

- Uniform feeding through a vibrating chute;
- Husking is done by rubber rolls;
- Husks are separated in an aspiration chamber and collected in a cyclone;
- Whitening is done by the friction principle, by using an abrasive ring and a rubber brake;
- Separation of whole kernels from brokens is done by an indented cylinder;
- Separation of red rice or immature grains is done by thickness sizing through a slotted cylinder (optional);
- Functions are controlled and monitored through a digital control panel;
- Counter to record the number of tests performed is included;
- Permits checking all parameters of tests performed, ensuring standardization and duplication of results;
- Adjustment knobs made of stainless steel;
- Supplied with a single phase electric motor;
- Supplied with air filter and collection box.

ADVANTAGES

- Compact design (all in a single unit);
- Wear parts (rubber rolls, brake and abrasive ring) are easily replaceable;
- Operation manual with illustrations show how to easily perform all initial settings;
- Timer for whitening and grading operations can be adjusted at the digital control panel;
- Uniform and accurate results are obtained, regardless of operator proficiency;
- Shipped with two grading cylinders indent diameter 14/64" (5.5 mm) & 11.4/64" (4.5 mm);
- Sanitary for a lab setting operation.

OPTIONAL ACCESSORIES

- Digital scale;
- Additional length separating with other pocket sizes and kit of thickness grader with various slot sizes for the separation of red rice and immature grain.

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