

**Product Name :**  
Hand Held Homogenizer

**Product Code :**  
NLAB-EDUSCHOOLEQ4502



**Description :**

Hand Held Homogenizer

**Technical Specification :**

Hand Held Homogenizer is designed to rapidly homogenize, emulsify, suspend and disrupt biological samples.

The unit is supplied with one each of the 5mm and 7mm generator probes.

All the generator probes are made of stainless steel and can be sterilized by autoclaving.

This achieves mechanical shearing of the sample.

As the sample is repeatedly drawn up and forced through the stator, additional shearing takes place.

Most samples are completely homogenized in 30 seconds or less.

Generator probes are available in four sizes.

Ideal for use with microtubes, the homogenizer works well with samples from 0.1ml to 250ml (depending upon the generator probe used).

A powerful, 130W motor drives the rotor at speeds from 8,500 to 30,000 rpm.

Speed is adjustable in six steps to meet sample processing needs.

is a rotor stator homogenizer and works by drawing the sample, in liquid, into the generator probe with the variable speed rotor, and then forcing it out through the slots in the stator.

A separate on/off switch allows the homogenizer to be left at the appropriate setting.

The 5mm and 7mm diameter have a 50mm length for use with samples in microbuses.

The 10mm x 115mm is ideal for use with 15 and 50ml tubes and 14mm x 130 mm, for 50ml tubes and vessels up to 250ml.

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|---|--|
| Speed Range<br>3500 to 3000rpm          |  |
| Capacity<br>0.1 to 250ml                |  |
| Noise Level:<br>70db                    |  |
| Operating Temp. Range:<br>15°C to 35°C  |  |
| Dimensions<br>9 in./4.5 x 5.8 x 22.5 cm |  |
| Weight<br>0.62kg                        |  |
| Electrical<br>110V, 60Hz or 230V, 50HZ  |  |

## Naugralabequipments

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