



STEPBIO COMMUNICATION

PRO DPS-20 INNOVATION: ONE STEP AHEAD, REALLY ???LET'S TALK ABOUT IT !

90 minutes will be enough to try together **PRO DPS-20**: the 20 samples fully automated Mechanical Homogenizer/Sonicator released by the Pro Scientific USA production. Let's put together an eye on the future, trust Stepbio consolidated tradition of pioneering innovation only when we are **honestly confident** on the scientific and industrial reliability beyond the wizard 's atmosphere.



WHY WE SHOW IT

It's the first system that can process automatically a sequence of 20 samples at one time using Mechanical or Ultrasonic homogenizing together or independently of each other. The automatic homogenization permits to reduce time in the sample preparation process and to have a high reproducibility. It can be used with 1.5mL/2mL, 15mL, 16mL, 19mL, and 50mL tubes through its unique carousel rack design.

Cooling Carousel Tube Rack provides the capability to keep sample tubes within ice, ice-water, or cold beads. The system is controlled by a user friendly onboard software.

WHAT IS INNOVATIVE

The DPS-20 merges the advantages of each homogenizing method (Mechanical and Ultrasonic) to make it an optimum timesaving and flexible homogenizing system. DPS-20 probes are the better alternative to disposable plastic generator probes, because are made from 316 Stainless Steel and PTFE.

SOME TECHNICAL DATA

Up to 20 samples can be processed in 1 run, or include 2 rinse positions or setup for every other position to be a rinse position. The 3-in-1 design of the DPS-20 allows the system to be used in any of the following automated configurations:

- Automated Ultrasonic Homogenizing System
- Automated Mechanical Homogenizing System
- Automated Mechanical and Ultrasonic Homogenizing System

All processing is contained in a sound-abating enclosure that has LED interior lighting and a clear polycarbonate door for full view of the inside.

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S.R.L.