

# PRO Scientific Cannabis Homogenizing Package

PRO Homogenizers and generator probes are precision designed to provide reliable, reproducible results that are required for cannabis testing and quality control as well as the creation of shelf-stable cannabis infused emulsions and products.

## HIGH POWER AND VARIABLE

**SPEED:** The PRO250 homogenizer delivers 576 watts of high-power homogenization in a compact handheld unit with a variable speed range from 5000 to 30000 rpm.

## HIGH QUALITY PROBES:

The PRO Scientific generator probes are precision crafted to ensure efficient and effective homogenization. They are manufactured with 316SS to ensure chemical compatibility with reagents.

## SUITED FOR SAMPLES RANGING FROM NON- VISCIOUS TO HIGHLY

**VISCOUS:** Maximum processing volumes for non-viscous samples (vegetable oil consistency) is 5 liters. Maximum processing volume for more viscous samples (such as lotions) is 2-3 liters, and for extremely viscous samples (such as honey) is 500 to 750 milliliters. Addition of the acetal resin deflector head enhances homogenization power.

## BUILT IN SENSORS TO IMPROVE DURABILITY:

The PRO250 Homogenizer is durable and can process samples for hours at a time. It is equipped with a sensor to prevent overheating and protect the motor unit from damage due to processing an overload of highly viscous samples or high volumes.

## GREATER LONGEVITY:

Improved 3-step connection between PRO Homogenizer and generator probe improves stability, durability, and prolongs the life of the generator probe.

## PRODUCE ULTRAFINE NANO PARTICLES:

PRO Scientific generator probes have very tight clearance between the rotor knife and stator tube, resulting in a higher yield breakdown of particles in a shorter period of time. Under the most efficient homogenizing conditions, it can produce "ultrafine" particles within the nanoemulsion range (1 micron/1000 nanometers).



**PRO**  
**Scientific**