

Omni TH_Q

DIGITAL HANDHELD TISSUE HOMOGENIZER

The **NEW Omni TH_Q** with Whisper Drive Technology™ is a powerful tissue homogenizer that can handle a wide range of samples from <200µL to 120mL.

It provides reliable, repeatable performance with an ultra-quiet brushless motor. An integrated digital speed control stores the last set speed for ultimate repeatability. Tissue samples are usually processed in less than 30 seconds.

The **Omni TH_Q** operates with patented **Omni Tip™ Plastic Generator Probes**, available in both soft tissue and hard tissue versions. Omni Tips are ideal for customers concerned about cross-contamination and carryover between samples. Stainless steel generator probes (5 mm to 12 mm diameter) are available for larger and tougher sample types. Specially designed hybrid steel/plastic probes are also available.

The **Omni TH_Q** is an ideal fit for a wide range of applications from tissue homogenization and dissociation, PD/PK studies, tablet disruption, emulsions and suspensions, cell disruption, food samples and much more. Lightweight enough to be hand-held it may also be stand mounted for lengthier processing.

Features

- > Three digit speed readout accurate to +/- <5% at top speed
- > Whisper Drive Technology™ provides ultra quiet operation
- > On-board memory stores last set speed
- > Bayonet probe mounting system for fast release
- > Uses stainless steel probes or disposable Omni Tip™ plastic probes
- > Motor stand mount included
- > Light weight ergonomic design

Omni TH_Q package includes: TH_Q motor, 3 year motor warranty, stand clamp, 6 Soft Tissue & 6 Hard Tissue Omni Tip™ Plastic Homogenizer Probes, tool kit, instruction manual and storage case. ORDER NO. 12-200



Specifications

Processing Range: <200 µL to 120 mL

Speed: Variable from 8,000 to 32,000 rpm (increments of 500 rpm)

Power Rating: 40 watt max

Dimensions: 21.8cm (8.6 in) height, 5.54 cm (2.18 in) max. diameter

Weight: 340 g (12.0 oz.)

Sound Level: <68 db

Warranty: 3 year motor warranty

Standards Approval: CE Approved

Omni Stainless Steel generator probes

Omni's **Stainless Steel Generator Probes** come with PTFE upper and lower bearings. The entire probe can be autoclaved, or easily disassembled for cleaning. Optional Stainless steel upper bearings extend bearing life but are not autoclavable.



ORDER NO. B5-05

ORDER NO. B7-110ST

ORDER NO. B12-110ST



Patented Omni Tip™ plastic disposable generator probes

Proprietary **Omni Tip™ Plastic Probes** are available in both soft tip (deaggregation) and hard tissue (frozen) versions. Engineered from durable plastics, Omni Tips™ can be cleaned and reused, yet are economical enough that they can be disposed of after each use to eliminate cross contamination.

The Omni Tips' patented design eliminates the hassle of disassembly and maintenance of traditional stainless steel generators.

A selection of our best-selling plastic probes:

SOFT TISSUE PLASTIC GENERATOR PROBES		ORDER NO.
Omni Tip™ Plastic Generator Probes, Soft Tissue	25 pack	30750
Omni Tip™ Plastic Generator Probes, Soft Tissue	50 pack	32750
Omni Tip™ Plastic Generator Probes, Soft Tissue	100 pack	34750
HARD TISSUE PLASTIC GENERATOR PROBES		ORDER NO.
Omni Tip™ Plastic Generator Probes, Hard Tissue	25 pack	30750H
Omni Tip™ Plastic Generator Probes, Hard Tissue	50 pack	32750H
Omni Tip™ Plastic Generator Probes, Hard Tissue	100 pack	34750H



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> For more information — **omni-inc.com**