

Resource Summary Report

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Benchmark Scientific: D1000 homogenizer

RRID:SCR_025799

Type: Tool

Proper Citation

Benchmark Scientific: D1000 homogenizer (RRID:SCR_025799)

Resource Information

URL: <https://new.marshallscientific.com/Benchmark-D1000-Homogenizer-with-5mm-and-7mm-Generator-probe-with-variable-speed-rotor-and-then-forcing-it-out-through-slots-in-stator-to-mechanically-shearing-sample-Most-samples-are-completely-homogenized-in-30-seconds-or-less-130W-motor-drives-rotor-at-speeds-from-8500-to-30000-rpm-Speed-is-adjustable-in-six-steps-to-meet-sample-processing-needs-A-separate-on-off-switch-allows-homogenizer-to-be-left-at-appropriate-setting-Generator-probes-are-available-in-four-sizes-5mm-and-7mm-diameter-have-50mm-length-for-use-with-samples-in-microtubes-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-The-unit-is-supplied-with-one-each-of-the-5mm-and-7mm-generator-probes-All-generator-probes-are-made-of-stainless-steel-and-can-be-sterilized-by-autoclaving>

Proper Citation: Benchmark Scientific: D1000 homogenizer (RRID:SCR_025799)

Description: Rotor stator handheld homogenizer works by drawing sample, in liquid, into generator probe with variable speed rotor, and then forcing it out through slots in stator to mechanically shearing sample. Most samples are completely homogenized in 30 seconds or less. 130W motor drives rotor at speeds from 8,500 to 30,000 rpm. Speed is adjustable in six steps to meet sample processing needs. A separate on/off switch allows homogenizer to be left at appropriate setting. Generator probes are available in four sizes. 5mm and 7mm diameter have 50mm length for use with samples in microtubes. 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. The unit is supplied with one each of the 5mm and 7mm generator probes. All generator probes are made of stainless steel and can be sterilized by autoclaving.

Synonyms: D1000 Handheld Homogenizer

Resource Type: instrument resource

Keywords: Benchmark Scientific Inc, Rotor stator homogenizer, homogenizer, mechanically shearing sample, handheld homogenizer,

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_025799.pdf

Resource Name: Benchmark Scientific: D1000 homogenizer

Resource ID: SCR_025799

Alternate IDs: Model_Number_Benchmark_D1000

Alternate URLs: https://new.marshallscientific.com/Benchmark-D1000-Homogenizer-with-5mm-and-7mm-Gene-p/d1000.htm?gad_source=1&gclid=Cj0KCQjwxsm3BhDrARIsAMtVz6MpBoQvujC_vaXJAYY4iCdBL

Record Creation Time: 20240926T053256+0000

Record Last Update: 20260801T191338+0000

Ratings and Alerts

No rating or validation information has been found for Benchmark Scientific: D1000 homogenizer.

No alerts have been found for Benchmark Scientific: D1000 homogenizer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Chan PK, et al. (2014) BioID data of c-MYC interacting protein partners in cultured cells and xenograft tumors. Data in brief, 1, 76.