Only the sample breaks down. Brinkmann homogenizers make the difference—in 30 seconds. Rapid action preserves biological integrity. Brinkmann homogenizers take advantage of mechanical shearing and cavitation to assure you of uniform sample breakdown in only 30 to 60 seconds. This rapid action protects your samples from inactivation by heat generated during prolonged homogenization.

Powerful, durable motors work harder. Brinkmann homogenizers use AA.4.7 for heavy-duty, non-stop operation. They use heavy-duty AA.1600 W motors for high torque and long life. They reach speeds of up to 27,000 rpm to disintegrate samples efficiently and effortlessly.

One system meets all your homogenization needs. Brinkmann homogenizers handle samples from 0.5 mL to 25 L with 21 generators, two motors, and a complete range of accessories.


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Cover: Polycrystalline diamond balls grown at high supersaturation using combined hot filament and microwave plasma-assisted deposition. The source gas was 1.5% methane in hydrogen at 10 torr. The diameter of the balls is approximately 18 micrometers. See page 913. [Scanning electron micrograph is courtesy of Thomas Anthony, General Electric Corp., Schenectady, NY]