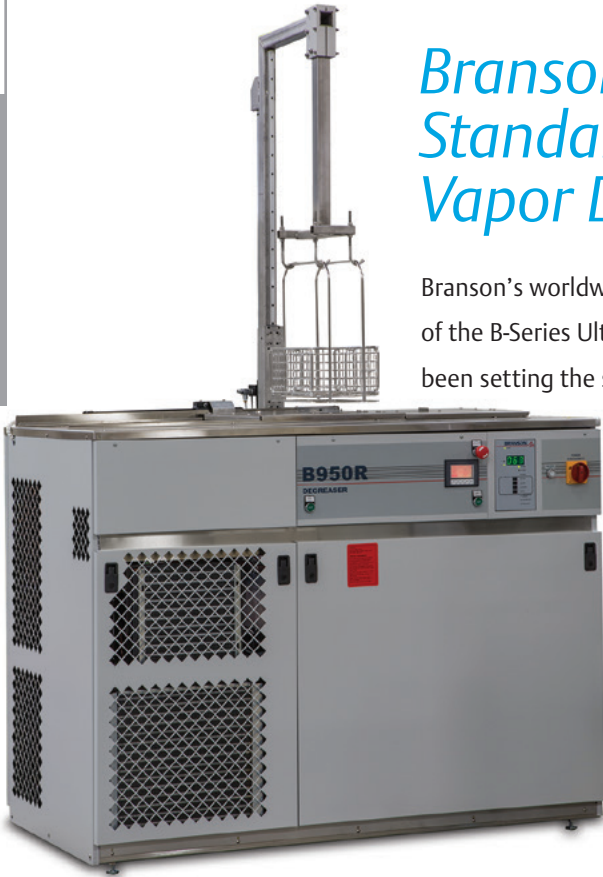


BRANSON

Ultrasonic Vapor Degreasers

Superior Cleaning,
Environmentally Sound,
Cost-Effective

Branson B-Series: The Industry Standard for Excellence in Ultrasonic Vapor Degreasers



Model B950R shown with optional dual-axis lift

Branson's worldwide reputation for excellence in ultrasonics includes the precision performance of the B-Series Ultrasonic Solvent Vapor Degreasers. For more than 60 years Branson has been setting the standard for advanced ultrasonic cleaning equipment, part of a long line of leading-edge products that are unrivaled for quality, lasting performance and no-compromise precision cleaning solutions..

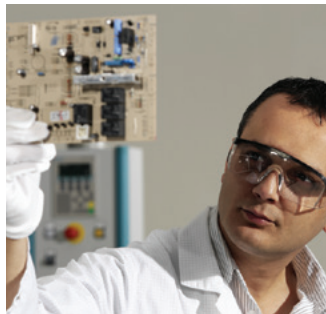
B-Series Degreasers are exceptionally cost-effective units that incorporate solvent washing, rinsing, and drying – in a single compact unit. They operate with virtually all commercially available vapor degreasing solvents and offer a variety of valuable benefits, including the following:

- No process chemistry to mix or maintain
- Automatic solvent reclamation – minimized waste stream
- Consistent, repeatable results
- Few process variables to be managed
- Easy and cost-effective automation
- Compact footprint
- Easy installation

Superior cleaning for a variety of applications

Growing, high-tech industries such as electronics, aerospace, automotive, medical, and optics typically require ultra-clean parts for assembly. They're producing everything from precision metal parts and precision bearings, to delicate instruments, optical components, printed circuit boards, and more.

B-Series Degreasers are proven cost-effective for removing contaminants such as surface oils, greases, waxes, and solder flux in these increasingly demanding applications and many others.



Two Available Automated Systems

Dual-Axis Lift

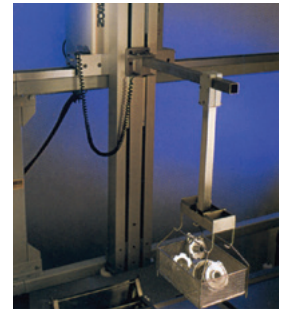
These compact systems are pneumatically operated and PLC-controlled for automated ultrasonic vapor degreasing. An operator interface is included for easy programming of process times.

Dual-axis lift with rotating basket



Two-Dimensional Robot (TDR)

The Branson TDR Series two-dimensional robots are microprocessor- or PLC-based systems designed for automated cleaning. Ruggedly constructed, they're appropriate for use in either production or clean room environments. The systems are available in two standard load capacities of 15 kg (33 lb.) and 50 kg (110 lb.) (plus fixture weight) and a variety of configurations to accommodate most production needs.



Sizes and options to meet your needs

Branson's B-Series Degreasers are available in 5 different sizes to meet your part size and production requirements. A wide variety of options are also available, so you can customize the features of your units to suit your requirements:

- Workflow capacity
- User convenience
- Environmental safety
- Operator safety
- OSHA compliance
- Level of cleanliness



Model B352R

Process Control & Data Acquisition

With the addition of an industrial PLC, all system functions can be controlled and monitored either locally or remotely. Basket bar coding can be added, eliminating the need for manual operator input. Data acquisition can include bath operating temperatures, dwell times, pump flow rates, filter pressures, and ultrasonic power levels, etc., providing data that can be stored and retrieved as required.



The Branson Advantage

Branson B-Series Optional Features

A variety of options allows you to customize your B-Series Degreaser to suit your unique application needs. Optional features include the following:

- Automated Hoist Systems
- Power-Operated Sliding Cover
- High-Frequency Ultrasonics
- Safety Light Curtain
- Stainless-Steel Parts Baskets
- Solvent Pump-In/Pump-Out Kit
- Rotating Parts Baskets
- Infeed and Outfeed Conveyors
- Water-Cooled Refrigeration Condensers
- Upper Enclosure System
- Data Acquisition
- Load and Unload Tables
- External Solvent Still
- Solvent Spraying



Branson is the industry leader in the design, development, manufacture, and marketing of precision cleaning equipment – the only company of such high caliber worldwide. We are committed to providing solutions to the needs of our customers and providing the latest in technology, both in products and processes. Our global organization provides us with the resources and the facilities to support our customers on a worldwide basis.

Americas

Branson Ultrasonics Corp.
41 Eagle Road
Danbury, CT 06810, USA
T: 203-796-0400
F: 203-796-0450
www.bransonultrasonics.com

Europe

Branson Ultraschall
Niederlassung der Emerson
Technologies GmbH & Co. OHG
Waldstrasse 53-55
63128 Dietzenbach, Germany
T: +49-6074-497-0
F: +49-6074-497-199
www.branson.eu

Asia

Branson Ultrasonics (Shanghai) Co., Ltd.
758 Rong Le Dong Road
Song Jiang, Shanghai, PRC, 201613
T: 86-21-3781-0588
F: 86-21-5774-5100
www.branson.com.cn