Podbielniak® Extractor Centrifuges

Precise, efficient extraction and separation in a single machine.
How it works – flavoring application

Flavoring for citrus beverages can be very efficiently manufactured using the Pod. In this application, oils from lemons, limes, or oranges are introduced as the light liquid; a mix of water and alcohol are the heavy liquid. As the two liquids interact on their journey through the elements, the flavoring transfers to the heavier water/alcohol mix – which can be readily incorporated into beverages. The remaining oils are removed as waste product.

Real-world utility

B&P Pod extraction centrifuges are at work in thousands of applications worldwide including food & beverage, pharmaceuticals, specialty chemicals, mining/hydrometallurgy, and more.

Real-world knowledge

Our team has worked with thousands of processes in almost every imaginable industry. We’ll apply this knowledge to configuring a Pod system that meets your specific challenges. B&P also operates a comprehensive test lab for feasibility studies, and our lab-scale methods readily scale to production levels.

Built strong

B&P Process specializes in building some of the world’s most rugged, reliable industrial machinery. This rugged construction ensures a maximum uptime and a long life for your capital investment.
A surprising range of potential applications

The Pod has proven to be a very versatile solution for a broad range of extraction, separation, wash, and reaction applications (and some that combine these processes). One Pod replaces multiple machines in many of these applications, and it’s easily reconfigured to handle new tasks if your needs change. Typical applications include:

- Penicillin
- Tylosin
- Erythromycin
- Fermentations
- Citric Acid
- Biodiesel Reaction & Washing
- Uranium
- Vanadium
- Aromatics Extraction
- Estrogen Extraction
- Solvent Extraction
- Ion Exchange
- Water Washing
- Liquid/Liquid Separation
- Hydrogen Peroxide

B&P PROCESS EQUIPMENT

Corporate Office
1000 Hess Avenue
Saginaw, Michigan 48601 USA
+011 989.757.1300 (tel)
sales@bpprocess.com (e-mail)
www.bpprocess.com (web)

Houston Service Center
13135 South Freeway
Houston, Texas 77047 USA
+011 713.433.3304 (tel)
+011 713.433.3211 (fax)

Strong Innovation • Strong Value • Strong Choice