

Herbal Extraction Facility (HE)

Plants or crude herbs are increasingly being used world over as raw materials for manufacturing the products, namely, pharmaceuticals, nutraceuticals, phytochemicals, oleoresins, food supplements, cosmetics, colour, flavour and aromatics. A large number of allopathic medicines require herb-based ingredients as their raw materials. Extraction of phytochemicals from herbs adds a greater degree of value to the material and thus provides phenomenal scope of growth due to higher returns. Biotech interventions through the new concept of biotransformation can enhance the value by several folds. A number of companies in India are actively engaged in production of value added medicinal plant extracts. Large numbers of equipments are available at GBP through which an entrepreneur can start his/her business with GBP.

Equipments available at Herbal Extraction Facility:

Digital pH meter

FiveEasy Plus FEP20, Mettler Toledo

Features:

- Useful for a wide range of applications in various areas, such as food and beverage industry, water and environmental analysis, etc
- Fast change over between pH and mV parameters



Table top refrigerated centrifuge

Z 326 K, HERMLE Labortechnik GmbH, Wehingen

Features:

- Speed range: 200-18000 rpm
- Temperature range: -20° to 40°C



Magnetic stirrer with Hot plate

C-MAG HS7, IKA, Germany

Features:

- Speed range: 100-1500 rpm
- Heating temperature range:
50-500°C

