

HR600 HR1200

ALL OUR EXPERIENCE IN A
SINGLE MACHINE



Typical application
600 to 3.600 l /24 h



Low pressure oil
recirculating pump



Self-cleaning



Touch Screen
& PLC



Automatic
functioning



Vacuum
distillation



Safe, robust and practical - our HR series distillers are the most advanced on the market, designed for highly specialised industrial applications. Their sophisticated mechanical and electrical design allows the user to easily convert hazardous waste into a resource. A variety of configurations and a wide range of accessories are available to **satisfy the most diverse requirements with unbeatable performance**. Their **efficient processes output highly concentrated sludge with considerably reduced energy costs**. All operations, from loading the exhausted solvent to discharging the sludge, are automatic and totally safe for the operator. The energy required to effect the change is delivered by a dedicated heater with intelligent modulated power control, and a high capacity, low pressure oil pump assures optimal heat exchange. A low speed agitator with antistatic Teflon blades prevents residue building up on the heating surfaces, thus assuring effective heat transfer and constant performance throughout the system's service life.

The new DISTI-Touch PLC, evolution of Digit Touch 2004, has been developed to control the operation of solvent distillers, allowing the operator to perform all the maneuvers and adjustments required by the machine cycle, in total safety. It is also equipped with a color graphic display with LED backlight and a 6-key touch-sensitive keyboard for navigating the various menus and setting parameters. Thanks to continuous improvement, requests and interactions with users, IST technology represents the state of the art of monitoring and control of devices for the distillation process.

Model	Installed power	Loading capacity	Productivity l/24h
HR 600	44 kW	580 l	600 to 3.600
HR 1200	66 kW	1.200 l	1.200 to 10.000

THE BENEFITS OF THE HR SERIES

Automation

- continuous distillation of large amounts of solvent without operator supervision
- safe operation thanks to numerous process control sensors

Efficiency

- minimal manual operation required during distillation, for considerable time savings
- very compact footprint, despite the machine's high capacity
- cost savings over multiple independent distillation systems

Ease of use

- the touch screen display reports all process parameters
- remote monitoring with automatic notifications

Reliability

- long service life thanks to the use of stainless steel and highly resistant materials
- guaranteed 24/7 operation thanks to a robust design adapted to industrial applications

Safety

- long service life thanks to the use of stainless steel and highly resistant materials
- guaranteed 24/7 operation thanks to a robust design adapted to industrial applications

