

IST C1-C2

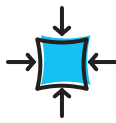
SMALL, HANDY,
HIGH PERFORMANCE



Typical application
15 to 60 l /24 h



Static
oil



Small
size



Manual
functioning



Easy to use



This series has been designed for all applications using a small amount of solvent. **Safe, solid, easy to install and operate** - they are the ideal solution for small companies with a limited solvent consumption; they offer a **small investment** for small and occasional solvent recycling requirements. Thanks to their **highly efficient distillation process**, optimal sludge concentration and low energy consumption, the C1 and C2 are cutting edge industrial distillation solutions.

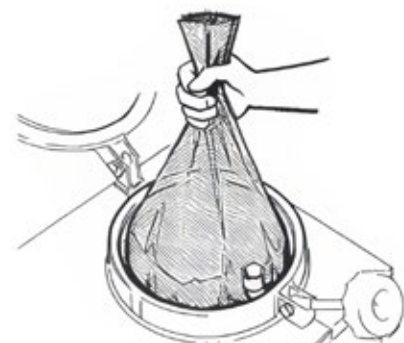
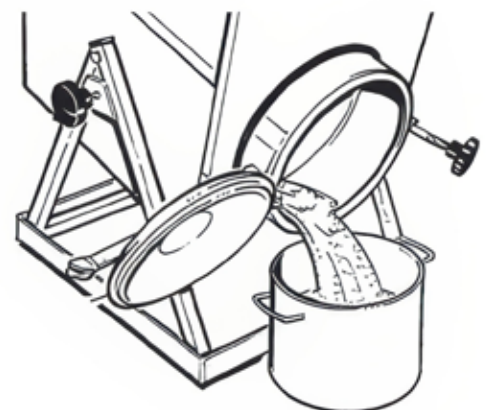
THE BENEFITS OF THE IST C SERIES

Practicality

- easy sludge removal thanks to a handy tilt function and practical waste bags
- real time heating temperature and cycle time regulation with conveniently located knobs

Convenience

- safe, low cost system for standard requirements
- reduced footprint optimizes production space



| Model | Installed power | Loading capacity | Productivity l/24h |
|--------|-----------------|------------------|--------------------|
| IST C1 | 1.6 kW | 10 l | 10 to 40 |
| IST C2 | 1.6 kW | 15 l | 15 to 60 |



IST 32-62 N-DIGIT

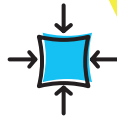
SMALL SIZE,
UNBEATABLE EFFICIENCY



Typical application
30 to 240 l /24 h



Static
oil



Small
size



Touch Screen
& PLC



Manual
functioning



Easy to use



Installation: NON-CLASSIFIED AREA

THE BENEFITS OF THE IST SERIES

Practicality

- easy sludge removal thanks to a handy tilt function and practical waste bags
- immediate regulation of the heating temperature and cycle time on the digital control panel

Versatility

- tank capacities available from 15 to 60 litres
- a vast range of useful accessories is available, including a solvent loading kit, distillate tank and sight glasses

Reproducibility

- precise control with integrated visual display of distillation parameters
- alarm with message on display for process anomalies which require a service response

IST series distillers with a load capacity of 30 to 60 litres are the ideal solution for small and medium sized businesses which require a high quality, safe and flexible **distillation unit to handle constant repeated solvent loads**. The powder coated steel structure guarantees a **long service life** even in heavy duty applications.

The IST 32 and IST 62 regenerators, designed for applications with a moderate solvent consumption, represent the state of the art in small industrial distillation units: they offer **highly efficient** distillation with **excellent sludge concentration** and **reduced energy consumption**. All cycle parameters, including process temperatures, are monitored by the PLC and can be viewed in real time. Distillation units in this range run a software which is similar to that used on larger unit, with a vast range of functions.

| Model | Installed power | Loading capacity | Productivity l/24h |
|--------|-----------------|------------------|--------------------|
| IST 32 | 2.6 kW | 30 l | 30 to 180 |
| IST 62 | 4.5 kW | 62 l | 60 to 240 |

IST 32-62

ATEX II2G

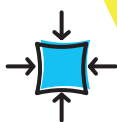
SMALL SIZE,
UNBEATABLE EFFICIENCY



Typical application
30 to 240 l / 24 h



Static
oil



Small
size



Touch Screen
& PLC



Manual
functioning



Easy to use



IST series distillers with a load capacity of 30 to 60 litres are the ideal solution for small and medium sized businesses which require a high quality, safe and flexible **distillation unit to handle constant repeated solvent loads**. The powder coated steel structure guarantees a **long service life** even in heavy duty applications.

The IST 32 and IST 62 regenerators, designed for applications with a moderate solvent consumption, represent the state of the art in small industrial distillation units: they offer **highly efficient** distillation with **excellent sludge concentration and reduced energy consumption**. All cycle parameters, including process temperatures, are monitored by the PLC and can be viewed in real time. On machine classified for Zone 1, the PLC is protected by an explosion proof housing. Distillation units in this range run a software which is similar to that used on larger unit, with a vast range of functions.

THE BENEFITS OF THE IST SERIES

Practicality

- easy sludge removal thanks to a handy tilt function and practical waste bags
- immediate regulation of the heating temperature and cycle time on the digital control panel

Versatility

- tank capacities available from 15 to 60 litres
- a vast range of useful accessories is available, including a solvent loading kit, distillate tank and sight glasses

Reproducibility

- precise control with integrated visual display of distillation parameters
- alarm with message on display for process anomalies which require a service response

| Model | Installed power | Loading capacity | Productivity l/24h |
|--------|-----------------|------------------|--------------------|
| IST 32 | 2.6 kW | 30 l | 30 to 180 |
| IST 62 | 4.5 kW | 62 l | 60 to 240 |

IST 90 N-DIGIT

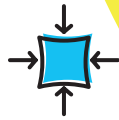
SMALL SIZE,
BIG PERFORMANCE



Typical application
90 to 360 l / 24 h



Static
oil



Small
size



Touch Screen
& PLC



Manual
functioning



Easy to use

Installation: NON-CLASSIFIED AREA

THE BENEFITS OF THE IST 90 SERIES

Convenience

- exclusive, low cost system for basic requirements
- reduced footprint optimises use of space
- resource savings with intelligent temperature management

Efficiency

- centrally controlled vacuum pump and recirculation chiller
- full process control with precise vacuum regulation
- reproducible results guaranteed by stable parameters

Practicality

- ergonomic, user friendly interface
- maximum user comfort thanks to the option to tilt the machine

Designed for medium to large companies, this model in the IST series bridges the gap between medium volume applications and large scale industries.

The machine can be set to run multiple cycles, for consecutive distillation with accumulation and easy final sludge discharge via the 3" manual valve.

With its **highly efficient distillation process, excellent sludge concentration and low energy consumption**, the IST 90 unit is the state of the art in industrial distillation equipment. Its **compact design** and **robust construction** make them simple to install both **indoors and outdoors**. Every cycle parameter, including process temperatures, is displayed continuously on the touch screen PLC display.

| Model | Installed power | Loading capacity | Productivity l/24h |
|--------|-----------------|------------------|--------------------|
| IST 90 | 8 kW | 90 l | 90 to 360 |

IST 90 ATEX II2G

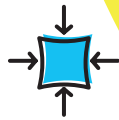
SMALL SIZE,
BIG PERFORMANCE



Typical application
90 to 360 l / 24 h



Static
oil



Small
size



Touch Screen
& PLC



Manual
functioning



Easy to use

Designed for medium to large companies, this model in the IST series bridges the gap between medium volume applications and large scale industries.

The machine can be set to run multiple cycles, for consecutive distillation with accumulation and easy final sludge discharge via the 3" manual valve.

With a **highly efficient** distillation process, **optimal residue concentration** rates and reduced energy consumption, the IST 90 unit represents the state of the art in industrial distillation machinery.

Its compact design and robust construction allow for easy positioning of the unit both **indoors and outdoors**.

Every cycle parameter, including process temperatures, is constantly displayed on the PLC touch screen, enclosed in an Ex-Proof box mounted on board, which makes the device suitable for immediate installation even within ATEX areas.

THE BENEFITS OF THE IST 90 SERIES

Convenience

- exclusive, low cost system for basic requirements
- reduced footprint optimises use of space
- resource savings with intelligent temperature management

Efficiency

- centrally controlled vacuum pump and recirculation chiller
- full process control with precise vacuum regulation
- reproducible results guaranteed by stable parameters

Practicality

- ergonomic, user friendly interface
- maximum user comfort thanks to the option to tilt the machine

| Model | Installed power | Loading capacity | Productivity l/24h |
|--------|-----------------|------------------|--------------------|
| IST 90 | 8 kW | 90 l | 90 to 360 |

IST 202 N-DIGIT

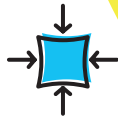
SMALL SIZE,
BIG PERFORMANCE



Typical application
200 to 800 l / 24 h



Static
oil



Small
size



Touch Screen
& PLC



Manual
functioning



Easy to use



Installation: NON-CLASSIFIED AREA

THE BENEFITS OF THE IST 202 SERIES

Convenience

- exclusive, low cost system for basic requirements
- reduced footprint optimises use of space
- resource savings with intelligent temperature management

Efficiency

- centrally controlled vacuum pump and recirculation chiller
- full process control with precise vacuum regulation
- reproducible results guaranteed by stable parameters

Practicality

- ergonomic, user friendly interface
- maximum user comfort thanks to the option to tilt the machine

Designed for medium to large companies, this model in the IST series bridges the gap between medium volume applications and large scale industries.

The machine can be set to run multiple cycles, for consecutive distillation with accumulation and easy final sludge discharge via the 3" manual valve.

With its **highly efficient** distillation process, **excellent sludge concentration and low energy consumption**, the IST 202 unit is the state of the art in industrial distillation equipment. Its **compact design** and **robust construction** make them simple to install both **indoors and outdoors**. Every cycle parameter, including process temperatures, is displayed continuously on the touch screen PLC display.

| Model | Installed power | Loading capacity | Productivity l/24h |
|---------|-----------------|------------------|--------------------|
| IST 202 | 15 kW | 200 l | 200 to 800 |

IST 202

ATEX II2G

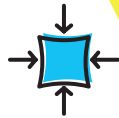
SMALL SIZE,
BIG PERFORMANCE



Typical application
200 to 800 l /24 h



Static
oil



Small
size



Touch Screen
& PLC



Manual
functioning



Easy to use

Designed for medium to large companies, this model in the IST series bridges the gap between medium volume applications and large scale industries.

The machine can be set to run multiple cycles, for consecutive distillation with accumulation and easy final sludge discharge via the 3" manual valve.

With its **highly efficient** distillation process, **excellent sludge concentration and low energy consumption**, the IST 202 unit is the state of the art in industrial distillation equipment. Its **compact design** and **robust construction** make them simple to install both **indoors and outdoors**.

Every cycle parameter, including process temperatures, is constantly displayed on the PLC touch screen, enclosed in an Ex-Proof box mounted on board, which makes the device suitable for immediate installation even within ATEX areas.

THE BENEFITS OF THE IST 202 SERIES

Convenience

- exclusive, low cost system for basic requirements
- reduced footprint optimises use of space
- resource savings with intelligent temperature management

Efficiency

- centrally controlled vacuum pump and recirculation chiller
- full process control with precise vacuum regulation
- reproducible results guaranteed by stable parameters

Practicality

- ergonomic, user friendly interface
- maximum user comfort thanks to the option to tilt the machine

| Model | Installed power | Loading capacity | Productivity l/24h |
|---------|-----------------|------------------|--------------------|
| IST 202 | 15 kW | 200 l | 200 to 800 |

ROTO PLUS 100-202-400 ATEX II2G

SAFETY, AUTOMATION AND
MAXIMUM MODULARITY



Typical application
100 to 2.000 l / 24 h



Static
oil



Self-cleaning



Touch Screen
& PLC



Automatic
functioning



Plug & Play

The new version of the ROTO PLUS series satisfies the highest demands for **practicality and versatility**. Its modular construction allows the user to build a **completely integrated system which can be expanded at any time**. **Plug&play technology** means the user can start using the system immediately. The system is always **easy to implement with printing machines, coating lines, washing systems and so on**. With its unique combination of design, heating technology and vacuum system, profitability can be **maximised even with small batches**.

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.

ROTO PLUS distillers can be equipped with storage tanks to automate the entire process. The optional DISTI-Link makes the distiller connected and intelligent: another plant component integrated into the internet of things, thus contributing to the digitalisation of the client's business.

| Model | Installed power | Loading capacity | Productivity l/24h |
|---------------|-----------------|------------------|--------------------|
| ROTO PLUS 100 | 10 kW | 100 l | 100 to 500 |
| ROTO PLUS 202 | 12 kW | 200 l | 200 to 1.000 |
| ROTO PLUS 400 | 22 kW | 400 l | 400 to 2.000 |



THE BENEFITS OF THE ROTO PLUS SERIES

Practicality

- self-cleaning with scrapers mounted on the mixer
- easy to use thanks to the touch screen monitor, with all process parameters available at a glance
- guided, easily programmable operation for even the most complex mixtures
- completely automatic operation without operator supervision

Convenience

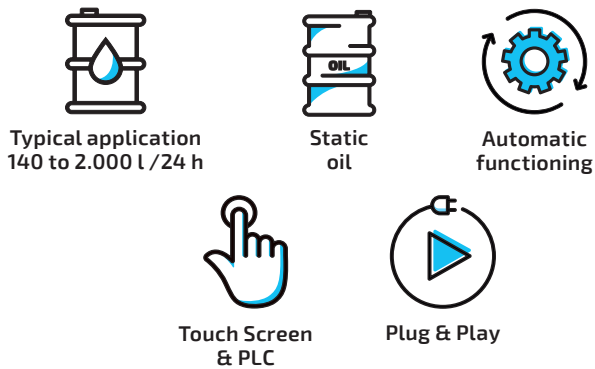
- reduced footprint optimises production space
- low heater specific power reduces maintenance requirements and maintains performance over time
- efficiency and environment sustainability, thanks to the diathermic oil heater and vacuum pump

Reproducibility

- DISTI-Link: a software developed to constantly monitor IST distillation systems, record and analyze process data in terms of productivity, treatment cost and savings and adjust the settings to achieve the best performances.
- automatic routine maintenance notifications reduce downtime

ECO PLUS 202-400 ATEX II2G

EXPANDABLE, PRACTICAL
AND SAFE



The ECO PLUS distiller is an **expandable system designed for intelligent integration with other products**. Conceived for continuous operation, ECO PLUS distillers can handle **up to 2000 litres of polluted product a day**. Their numerous optional accessories, **ease of integration** with existing plant and **high level of automation** have made these distillers a **success** in the **most diverse industries worldwide**, from large multinationals to small workshops. **Flexible and easy to use**, they can be supervised even by first time users.

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.

ECO PLUS distillers can be equipped with storage tanks to automate the entire process. The optional DISTI-Link makes the distiller connected and intelligent: another plant component integrated into the internet of things, thus contributing to the digitalisation of the client's business.

| Model | Installed power | Loading capacity | Productivity l/24h |
|--------------|-----------------|------------------|--------------------|
| ECO PLUS 202 | 12 kW | 200 l | 200 to 1.000 |
| ECO PLUS 400 | 22 kW | 400 l | 400 to 2.000 |



THE BENEFITS OF THE ECO PLUS SERIES

Practicality

- easy to use thanks to the touch screen monitor, with all process parameters available at a glance
- guided, easily programmable operation for even the most complex mixtures
- completely automatic operation without operator supervision

Convenience

- reduced footprint optimises production space
- low heater specific power reduces maintenance requirements and maintains performance over time
- efficiency and environment sustainability, thanks to the diathermic oil heater and vacuum pump

Reproducibility

- DISTI-Link: a software developed to constantly monitor IST distillation systems, record and analyze process data in terms of productivity, treatment cost and savings and adjust the settings to achieve the best performances.
- automatic routine maintenance notifications reduce downtime

ROTO Next 100-202-400

ATEX II2G

SOLVENT RECOVERY EVOLUTION



Typical application
100 to 2.000 l / 24 h



Gravimetric
Filling



New Insulated
Kettle



New Touch
Screen Panel



Sustainable



Efficient

Welcome to the future of solvent recovery! Introducing our newest addition to the recovery industry, **the state-of-the-art evolution of ROTO PLUS** series of solvent recovery systems. This innovative machine has been designed with the latest technology and engineering techniques to provide the **most efficient and effective recovery process**. ROTO Next series is equipped with advanced features that make it stand out from other solvent recovery machines on the market. It boasts a high-performance distillation system that can recover a wide range of solvents, from low boiling point solvents to high boiling point solvents, polluted with various contaminants. Not only does our machine provide efficient solvent recovery, but it is also **user-friendly**, extremely compact and easy to operate. It is equipped with a user-friendly interface and automated controls that make the solvent recovery process seamless and hassle-free. Our machine is built with **high-quality materials** and designed to withstand the most demanding **industrial environments**, ensuring **durability and longevity**. It is also **eco-friendly** and **energy-efficient**, reducing the environmental impact of solvent recovery. 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 |
|---------------|-----------------|------------------|--------------------|
| ROTO Next 100 | 10 kW | 100 l | 100 to 500 |
| ROTO Next 202 | 12 kW | 200 l | 200 to 1.000 |
| ROTO Next 400 | 22 kW | 400 l | 400 to 2.000 |



**SOLVENT
DISTILLERS**



THE BENEFITS OF THE ROTO Next SERIES

Sustainability

- State-of-the-art **kettle insulation**: less energy is required to maintain the process temperature. This leads to significant **energy savings (-17%)**.
- LEDO innovative **heating systems**: the life of the diathermic oil increases considerably, while maintenance and running costs decrease.

Accuracy

- **Gravimetric filling**: provides accurate measurements of the amount of material being filled. Being highly automated, it results in increased efficiency and throughput, consistent process quality and helps companies comply with regulatory requirements for accurate product labeling.
- **DISTI-Link**: a software developed to constantly monitor distillation systems, **record and analyze process data** in terms of productivity, treatment cost and savings and adjust the settings to achieve the **best performances**.

Reproducibility

- New scraping system: grants **extreme cleaning performances** to improve product homogeneity and **heat transfer** across the wall of a jacketed kettle. The new shaftless design make the kettle free from any obstacles to avoid waste conglomeration.

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.

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

| 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 |

