

# Vacuum and charging unit

## iTeide TT

### Table top smart refrigerant charging unit

**iTeide TT** is a Table Top system for the evacuation\* and injection of refrigerant fluids . It has been designed to be reliable, easily portable and suitable to work with any cooling fluid of normal use ( HCFC and HFC refrigerants , including R410A and R452A ).

**iTeideTT** is available, on request, with an integrated printer to record results and performances of the completed cycles. It is also available with data collection transferring functions over TCP/IP Protocol to enable statistic analysis of the reports.

#### Other features:

- High flexibility
- Ready for the most common A1 Class refrigerants
- Electromagnetic Head Injector control PLUVIO
- Safe to use in the working area

\* Optional vacuum pump not provided with the unit. For vacuum pump delivery please contact FT sales Service

iTeide TT



Touch screen machine Controller



Injectors PLUVIO V2/V3



## Vacuum and Charging Unit *iTeide TT*

- Professional Refrigeration
- Refrigerated show cases and cooling cabinets
- Automatic food and beverage dispenser machines
- Refrigerating units for transportation
- Ice-cream machines
- Dehumidifiers
- Chillers and centralized air conditioning stations (only refrigerant charging)
- Industrial refrigeration (only refrigerant charging)
- Electrical cabinet coolers
- Domestic air conditioners
- Refrigerators and air conditioners for boats or caravans
- IT coolers
- Compressed air driers
- Condensing units

## iTeide TT Technical Characteristics

Injectors/Type	1/PLUVIO
Injector length	2,5 m
Refrigerant metering systems	1
Charging capacity	up to 10 kg
Charging speed	up to 10 g/s (25 g/s with RTP and accumulator)
Charging accuracy	< 200 g: ±1 g > 200 g: ±0,5%
Heating belt	Available as optional
Injector connection	¼" Hansen F (ISO 7241B)
Connection to the refrigerant supply line	¼" Hansen M (ISO 7241B)
Connection to the external vacuum pump	DN16KF
Pirani vacuum sensor	Integrated
On-board alarms	3 light alarms (green/white/red)
Acoustic alarm	Integrated, activable via software
Programmable work cycles	1000
Connection to external PC	Ethernet
Control unit	TS690
Working temperature	5 °C .. 45 °C
Power Supply	110/220 V – 50/60 Hz – Single Phase
Dimensions (L x W x H)	560 x 420 x 300 mm
Weight	~20 kg

## Optional features and devices

3/8" Hansen Female PLUVIO Injector
RTP and Accumulator for 35 g/s charging speed
Heating Belt 400W RHP20
Refrigerant tank connection kit
Vacuum connection kits
Charging-only functions on request
Automatic working cycle selection performed by barcode reader
Remote Printer

\* FT software department develops customized software on request