

Vacuum and charging unit

iTeide TT

Charge

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

Company Profile

Vacuum and Charging units

HC Refrigerants handling systems

Special Units

Vacuum and Charging Injectors

Refrigerant transfer pump

Pressure test units leak detectors

Preliminary evacuation

Electrical and functional test

Ultrasonic tube sealers

IPCS & IPCS PLUS