

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

真空和冷媒充注装置

iTeide TT

充注

桌面智能制冷剂充注装置

iTeide TT 是用于排空*和注入制冷剂流体的桌面系统。其设计可靠，便于携带，适用于任何城规冷却液（HCFC和HFC制冷剂，包括R410A和R452A）。

iTeideTT 可根据要求配备集成打印机，以记录已完成循环的结果和性能。它还可以通过TCP/IP协议提供数据收集传输功能，以便对报告进行统计分析。

其他功能：

- 高度灵活性
- 为最常见的A1级制冷剂做好准备
- 电磁头喷油器控制PLUVIO
- 可在工作区域安全使用

* 装置不随附真空泵。如需交付真空泵，请联系FT销售服务部

iTeide TT



触摸屏机控制器



PLUVIO V2/V3注射器



真空和冷媒充注装置 *iTeide TT*

- 专业制冷
- 冷藏展示柜和冷藏柜
- 自动食品和饮料销售机
- 运输用制冷装置
- 冰淇淋机
- 除湿机
- 冷水机组和中央空调站（仅限制制冷剂充注）
- 工业制冷（仅限制制冷剂充注）
- 电气柜冷却器
- 家用空调
- 船舶或大篷车的冰箱和空调
- IT冷却器
- 压缩空气干燥机
- 冷凝装置

iTeide TT技术特性

注射器/类型	1/PLUVIO
注射器长度	2.5米
制冷剂计量系统	1
充注容量	最多10 kg
充注速度	高达10 g/s (使用RTP和蓄能器时为25 g/s)
充注精度	< 200 g: ±1 g > 200 g: ±0.5%
加热带	可选
注射器连接	1/4" Hansen F (ISO 7241B)
与制冷剂供应管路的连接	1/4" Hansen M (ISO 7241B)
与外部真空泵的连接	DN16KF
Pirani真空传感器	集成
机载报警	3个灯光报警 (绿色/白色/红色)
声音报警器	集成, 可通过软件激活
可设置工作循环数	1000
连接到外部计算机	以太网
控制装置	TS690
工作温度	5 °C..45 °C
电源	110/220 V - 50/60 Hz -单相
尺寸 (长x宽x高)	560 x 420 x 300 mm
重量	~20 kg

可选功能和设备

3/8" Hansen内螺纹PLUVIO注射器
用于35 g/s充注速度的RTP和蓄能器
加热皮带400W RHP20
制冷剂罐连接套件
真空连接套件
按需提供仅充注功能
由条形码读取器执行的自动工作循环选择
远程打印机

* FT软件部门根据要求开发定制软件