

# iTeide TT

## Table Top smart refrigerant charging unit

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

**ITEIDE TT** is available, on demand, with an integrated printer to record results and performances of cycle works run.

**ITEIDE TT** is available with Data Collect transferring functions over TCP/IP Protocol to manage statistic reports for result of working cycles.



### Other features:

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

### Main using applications

- 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
- Industrial refrigeration
- Electrical cabinet coolers
- Domestic air conditioners
- Refrigerators and air conditioners for boats or caravans
- IT coolers
- Compressed air driers
- Condensing units

(only refrigerant charging)  
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*\* with optional vacuum pump not provided with the unit. For vacuum pump delivery please contact Airserco Sales*



## Technical Characteristics

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

