

Ascential

Technologies | Test & Measurement Systems

Agilis

Automatic evacuation
and refrigerant
charging equipment



 Galileo



Agilis C is particularly indicated for small/medium production rates for both domestic and commercial refrigerators as well as freezers charged with non-flammables gases. The machine automatically performs circuit evacuation, vacuum check, leak test and refrigerant charge using a self diagnostic system.

Agilis T is particularly indicated for any production rate that requires a very big refrigerant dose with non flammable gases. The machine automatically performs circuit evacuation, vacuum check, leak test and refrigerant charge using a self diagnostic system.

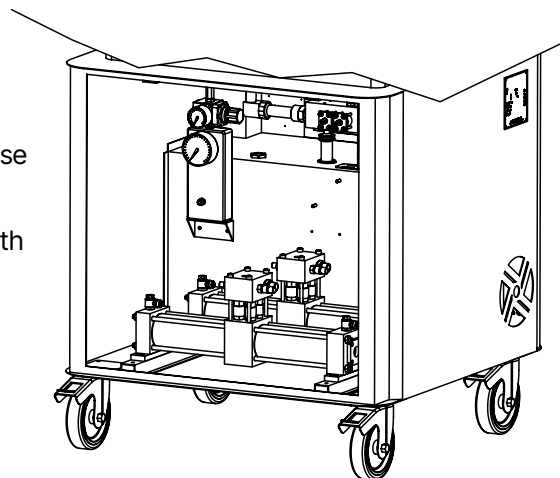
Accurate, user friendly and much more...

Agilis C guarantees a very flexible use and more advantages: the customer can charge the gases even without the help of a transfer pump, but directly connected to a refrigerant tank, located just behind the machine.

The above mentioned configuration is possible thanks to the GDC TECHNOLOGY, the uncontested Galileo Dosing Cylinder metering device that may work even

as a transfer pump and that grants the customer:

- ▲ The best reliability
- ▲ The most accurate dose
- ▲ It can manage up to two different gases with two different fillers.
- ▲ Zero maintenance



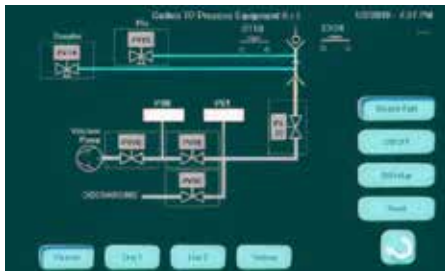
Fast, user friendly and much more...

- ▲ Agilis T can be used for all kinds of assembly lines from small to high production rates with a very friendly and reliable turbine metering device.
- ▲ It can manage up to two different gases with two different fillers.

The Cobra E Filler Gun

Advanced filler gun allowing customers to manage all non flammable gases in eco friendly way with **zero gas release upon disconnection**.

- ▲ Easy to reverse to overhead position
- ▲ Valves' protection shield
- ▲ Very easy disassembling and maintenance



Icon User Interface

Capacitive color touch screen LCD 7" high brightness designed for industrial environment with extreme temperatures and high humidity.

Durable, dirt-resistant and very responsive.

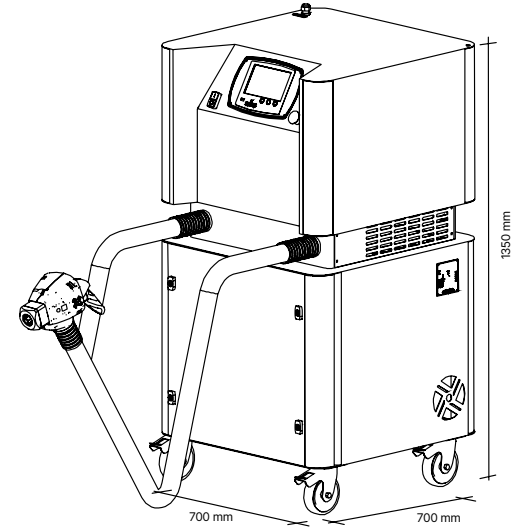
The machine also features a new Galileo PC board with an updated interface IUI 2015, a very user friendly icons menu and Ethernet port.

The Agilis comes with a complete integration with the **GEDA (Galileo Equipment Data Acquisition)** system for data acquisition and statistics, remote programming as well as external supervision of the line.

	Agilis C	Agilis T
Number of charging fillers	Up to 2	Up to 2
Metering device	Volumetric dosing cylinder with double effect (up to 2)	Volumetric turbine flow meter up to 2
Length of the fillers	3.5 meters (others on request)	3.5 meters (others on request)
Programmable cycles number	200 (more on request)	200 (more on request)
Programmable barcodes number	1000 (more on request)	1000 (more on request)

MEASUREMENT UNITS

Weight	g , oz	g , oz
Vacuum	Pa , µHg, mbar	Pa , µHg, mbar
Pressure	kPa , psi, bar	kPa , psi, bar
Temperature	°C , °F	°C , °F
Time	s	s
Vacuum pump	Double stage, 18 m³/h	Double stage, 18 m³/h
Pump final vacuum	<1×10 ⁻² Pa (1×10 ⁻⁴ mbar)	<1×10 ⁻² Pa (1×10 ⁻⁴ mbar)
Dimensions (H x W x P)	1350 x 700 x 700 mm	1350 x 700 x 700 mm
Weight	180 kg (model C22)	170 kg (model T22)
Work temperature	+0 ÷ +50 °C	+0 ÷ +50 °C
Storage temperature	-25 ÷ +70 °C	-25 ÷ +70 °C
Electric supply tension	230-400 V 50 Hz 3 ph (other on request)	230-400 V 50 Hz 3 ph (other on request)
Power consumption	900 W	900 W
Connection type to the group	¼" Hansen (other on request)	¼" Hansen (other on request)
Compressed Air	500 ÷ 700 kPa (5 ÷ 7 bar)	500 ÷ 700 kPa (5 ÷ 7 bar)
Noise Level	< 70 dB (A)	< 70 dB (A)
Refrigerants	HCFC, HFC	HCFC, HFC
Refrigerant supply pressure	1000 ÷ 2500 kPa (according to refrigerant type)	1000 ÷ 3500 kPa (according to refrigerant type)
Programmable Charge	20 ÷ 99999 g	20 ÷ 99999 g
Minimum charging increase	0.1 g	0.1 g
Accuracy	± 1.0 g for charges < 200 g ± 0.5 % for charges >200 g	± 1.0 g for charges < 200 g ± 0.5 % for charges >200 g
Charge speed	Up to 30 g/s	Up to 70 g/s standard version Up to 150 g/s with VHS kit
Data visualization	Infrared touch screen display 7"	Infrared touch screen display 7"
Interfaces	RS-232 for bar code reader RS-232 for printer/PC RS-485 Ethernet communication for download data	RS-232 for bar code reader RS-232 for printer/PC RS-485 Ethernet communication for download data

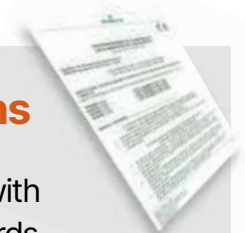


AVAILABLE MODELS

Model	Number of filler	Number of metering device
Agilis C11	1	1
Agilis C22	2	2
Agilis T11	1	1
Agilis T22	2	2

Certifications

Agilis complies with European standards.



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Impossible? Done.