



Accurate Inflation System: Upgrade

In addition to the current specification of Valendor Accurate Inflation System, the upgrade adds bellow functions.

Hardware upgrade

Sensor for atmospheric pressure:	Individual sensors for atmospheric pressure in all chambers
Temperature sensor:	Individual sensors for processed air temperature in all chambers
PC:	Compatible with any modern desktop computer or laptop
Chambers:	Existing AIS chambers are compatible with the upgrade
Interface capabilities:	USB type A & B

Added functionality

Data analysis:	Automatic reports compliant with ISO 4074:2015
Pressure:	Automatic pressure self-tare before each individual test
Pressure compensation:	Automatic compensation for atmospheric pressure in each individual test
Temperature compensation:	Automatic compensation for temperature of processed air in each individual test
No. of chambers:	Independently controlled, possible to take individual chambers out of commission
Maximum No. of chambers:	Up to 12

Performance specifications

Flow Accuracy:	Better than $\pm 1,0$ %
Volume Accuracy:	Better than $\pm 1,0$ %
Pressure Accuracy:	Better than $\pm 1,0$ %
Pressure Overload:	160 kPa