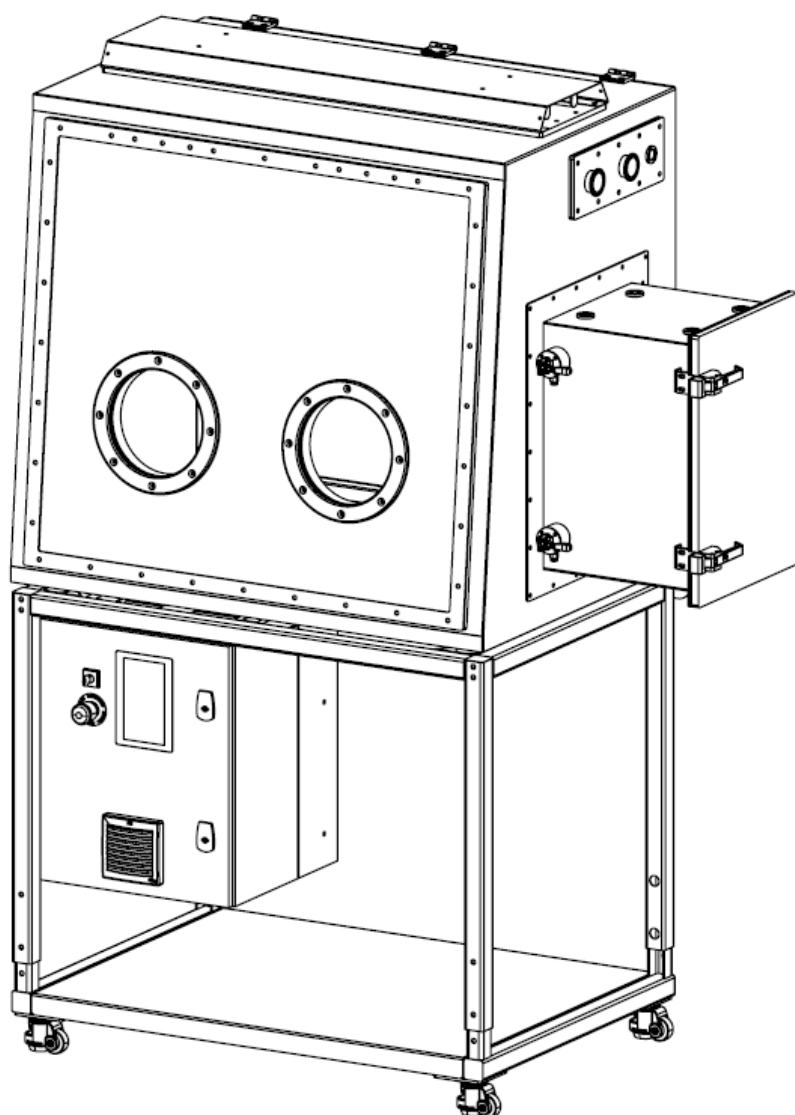




TiBox-500



SEALED GLOVE BOX FOR WORKING WITH POWDERS

The TiBox-500 is a glove box specifically designed for working with metal powders used in the 3D printing process. It enables the operator to be fully isolated from contact with the powder. The chamber is equipped with a system that allows for the creation and maintenance of an inert gas atmosphere inside. Its structure is made entirely of stainless steel, which facilitates cleaning and minimizes the risk of powder contamination. An additional airlock allows objects to be transferred between the inside of the chamber and the external environment without compromising the inert gas atmosphere and without the need for re-purging. The unit is fitted with four caster assemblies with adjustable feet for easy mobility.

TECHNICAL SPECIFICATION

External dimensions of the device (length x width x height)	1450 x 800 x 1900 mm
Internal dimensions of the chamber (length x width x height)	930 x 560 x 840 mm
Internal dimensions of the lock (length x width x height)	320 x 320 x 420 mm
Weight	240 kg
Power supply	230 V, 50-60 Hz, 1-faza
Controlled Protective Atmosphere	Yes, maximum oxygen level no more than 1000 ppm
Possibility to set the oxygen level	YES
Type of inert gas	Argon or Nitrogen
Measurement of values inside the chamber	Oxygen content, pressure, temperature
Control method	Touch screen with interface in English - displaying temperature, gas pressure and oxygen content inside the chamber
Gas inlet and outlet connections	Internal thread G1/2" BSPP
Material of the chamber interior	Stainless steel



PRODUCENT

INNTEC.PL sp. z o.o.
ul. Schuberta 1A/1
80-171 Gdańsk
+48 694 559 674
sales@inntec.pl