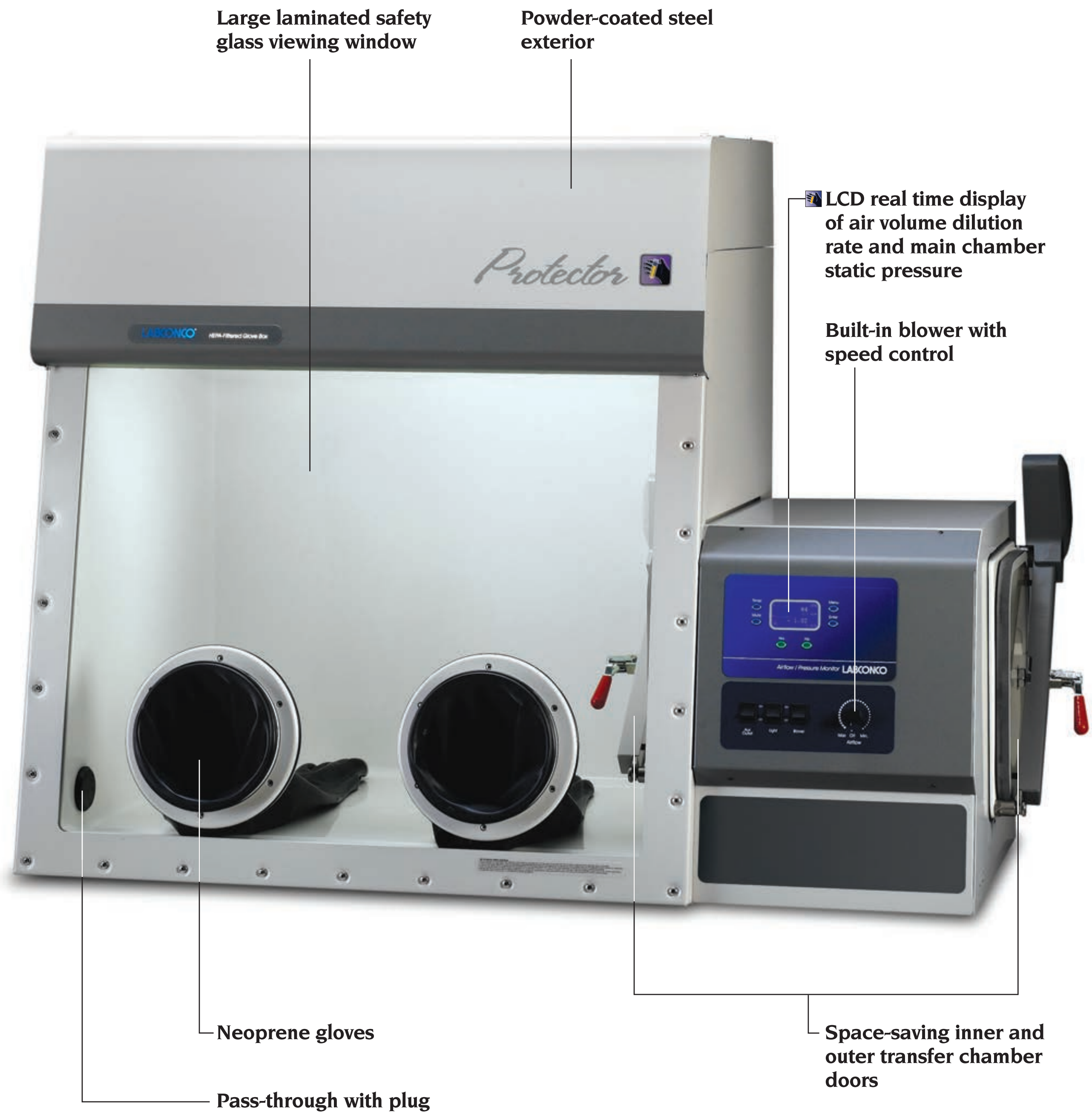
Protector® Filtered Glove Boxes

Protector Filtered Glove Boxes are ventilated boxes that use ambient air to provide user protection from extremely hazardous particulates for applications such as nanoparticle manipulation, toxic powder weighing, pharmaceutical research and biochemistry. Microorganisms, low-level radiochemicals, chemical carcinogens and asbestos may also be used in these boxes. In addition, by reversing the negative air pressure in the main chamber to positive pressure, these boxes may be used for cleanroom applications requiring ISO Class 3 conditions. Models with one-piece molded fiberglass liners feature inlet and outlet HEPA filters. Models with stainless steel liners feature inlet and outlet ULPA filters.



Exclusive Feature

Intertek

Protector® Controlled Atmosphere Glove Boxes

Protector Controlled Atmosphere Glove Boxes provide a leak-tight environment for work with contamination-sensitive materials. Organometallic chemistry, lithium battery handling, hemoglobin research and other procedures using oxygen- or moisture-sensitive materials may be performed in these boxes.

Stainless steel-lined glove boxes have ultralow oxygen permeation rates (<0.16 ppm/min) while fiberglass-lined models have rates as low as <0.3 ppm/min, both achieving Class I atmosphere conditions. On Auto Pressure Controller models, the evacuation and filling cycles may be automated and monitored.

Exclusive Feature

Intertek