SYDOR TECHNOLOGIES



TUMBLER UNIT

COMPLEX MEASUREMENTS—CRITICAL RESULTS

FEATURES

- Performs to requirements set by NIJ 0101.07 Personal Armor Test
- Designed for use with Sydor's Conditioning Chamber
- User-controlled rotation speeds

APPLICATIONS

- Conditioning of Soft Personal Armor
- Provides Mechanical, Thermal & Humidity Cycles (over 10 day period)

ABOUT THE TUMBLER UNIT

The Sydor Technologies Tumbler Unit is used to perform an accelerated life conditioning of soft personal armor as specified in the NIJ 0101.06 Personal Armor Test.

It is placed in a Conditioning Chamber (provided separately) to provide mechanical, thermal and humidity cycles over a ten-day period as per NIJ 0101.07

It is based on a commercial (industrial) tumble dryer unit, but made in an open frame so it can be placed in a Conditioning Chamber. The rotation speed etc. is controlled as is required by the test specification.

PRODUCT SPECIFICATIONS

- Internal Diameter: 834 mm
- Number of Fins: 4
- Fin Height: 114 mm
- Fin Width: 19 mm
- Available Accessories: Electric breech block, small caliber barrel adaptor, and cleaning kits