

NexBot Robotics 733-004 Cleaning Solvent (1L)

NexBot
Robotics

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Overview

The NexBot Robotics 733-004 Cleaning Solvent is a specialized, high-purity fluid formulated for the routine maintenance and cleaning of industrial robotic systems. This solvent is engineered to effectively dissolve and remove grease, oils, cutting fluids, and other contaminants from robot arm surfaces, joints, and end-of-arm tooling without leaving a residue. Its primary benefit is a rapid evaporation rate, which minimizes downtime during preventive maintenance cycles and ensures surfaces are clean and dry for subsequent lubrication or operation. Formulated to be non-corrosive and plastic-safe, it protects sensitive coatings, seals, and electronic housings from degradation. This makes it a suitable cleaning agent for the entire robot structure, from the base to the wrist. With a high dielectric strength exceeding 30 kV, the 733-004 solvent provides an added layer of safety when used on de-energized electrical components and connectors, helping to maintain signal integrity and prevent short circuits caused by conductive grime. The solvent also features a flash point above 60°C (140°F), classifying it as a combustible but not flammable liquid, which enhances storage and handling safety in an industrial environment. Regular use of this solvent as part of a scheduled maintenance plan helps prevent the buildup of performance-inhibiting contaminants, extending the operational life of critical components and ensuring consistent robotic accuracy. It is ideal for preparing surfaces before applying new lubricant or for general cleaning of the robot cell.

Technical Specifications

Parameter	Value	Unit
Weight	1.2	kg
Country of Origin	IT	
Dimensions	240 x 90 x 90 mm	

Safety Notice: This product must be installed and operated by qualified personnel in accordance with applicable safety standards (ISO 10218, IEC 61508).

