

Tape Cutter膠帶切割器

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摘要

When using tape dispensers currently available on the market, a length of tape must be pulled out and then cut by applying pressure along a razor edge. Although these tape dispensers have been used for several years, there are still a number of safety concerns. The exposed razor often caused accidental cuts during use as the end of the tape is usually affixed to the razor blade. Users could easily cut themselves when pulling out the tape.

Our design revolutionized the heavy and clumsy appearance of traditional tape dispensers and included a razor blade safety switch feature. This would help solve the issues of difficult use and risk of injuries.

Our tape cutter design could be widely used in daily lives. A formal patent application had been submitted for this work. We are also carrying out negotiations for industrial collaboration.

1. Features:

- (1) Small size, light weight, handy and easy to store, with environmental protection concepts.
- (2) Low costs which could be reflected in pricing for increased affordability.
- (3) A razor safety switch is included to improve user safety.
- (4) Simple tape replacement and installation.

2. Technology:

- (1) Retractable razor design for improving user safety.
- (2) Ergonomically curved handles for easy use.

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關鍵字：tape dispenser、tape cutter