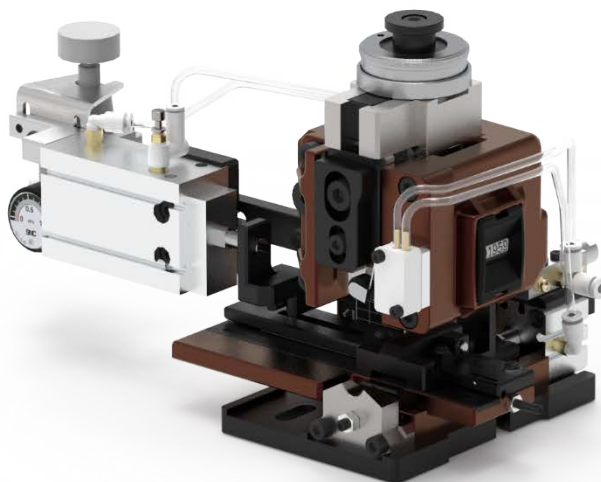




LMPK MYLAR® TAPE TECHNICAL DATASHEET

Edition	Magnum Mylar® Tape
Feed	Left-side feed
Feed system	Pneumatic for taped terminals
Working height	135.8 ±0.02 mm (5.35 in)
Stroke	40 mm (1.57 in)
Cable cross-section	*
Terminal pitch	*
Terminal thickness	*
Height regulation system	Continuously adjustable ring
Adjustment range	2.7 mm (0.106 in)
Resolution	0.01 mm (0.00039 in)
Feed speed adjustment	Pneumatic flow regulator
Weight	9 Kg (19.8 lb)
Dimensions [LxPxH]	310 x 180 x 150 mm (12.2 x 7.1 x 5.9 in)
Operating pressure	6 Bar (87 psi)
Air consumption	0.29 NI/cycle
Compatibility with Mecal Crimping machines	P107c – P020i – P040 – P040i – P080 – P080i – P150i

* Maximum and minimum reference values vary according to terminal dimensions and wire cross-section.

A detailed crimping process analysis is available upon request.

DESCRIPTION

Magnum LMPK Mylar® Tape pneumatic feed applicators are designed for crimping terminals onto wires. They can be used with different wire cross-sections and with terminals linked on polyester MYLAR® tape. Compatibility with specific wires and terminals is evaluated during the feasibility study phase, based on the dimensions and characteristics of the terminals to be processed.

The applicator body is made of cast iron and features front-mounted crimping dies, ensuring excellent accessibility and easy replacement of wear parts. Crimp height adjustment is performed via a stepless adjustment ring, offering a resolution of 0.02 mm (0.00079 in) and an adjustment range of 2.7 mm (0.106 in). Alternatively, a fixed-step adjustment ring can be supplied, with resolution defined according to the specific terminal requirements.

The applicator is equipped with a non-resettable seven-digit mechanical counter for tracking crimping cycles and scheduling maintenance and inspection of wear components.

The product is supplied with digital documentation available for download from a dedicated cloud platform. The package includes the instruction manual, datasheet (model, serial number and measured test values), bill of materials, exploded view drawing and certification. Upon request, an in-depth crimping analysis can be provided, including capability testing and micrographs of crimped terminal cross-sections. All documentation can also be supplied in printed format together with the applicator.