


97 VARICON 7000-RD-CR

Tools and harnessing machines



Versatile, fully automatic harnessing machine for termination of RAST connectors in insulation displacement technology (IDT), combined with additional crimp contacts, for flexible harness configurations

Approvals: 

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Range of application

Connector	RAST 2.5 (351..., 352..., 354...)* RAST 2.5 plus™ (351...00, 352...00)* RAST 2.5 Power (357...)* RAST 2.5 Power plus™ (357...00)* RAST 5 (362..., 363...)* Minimodul and Multimodul crimp contacts (3111) Circular connector crimp contacts (0364, 0369) Crimp contacts according to specification
Pole number	all available
Pitch	2.5/5.0 mm
State of delivery of connectors	in chain
Processable conductor	discrete conductor

Features

Application	very high volume production
Stroke capacity	ca. 10500 IDT contacts/h
Scope of functions and delivery	<ul style="list-style-type: none"> - Highly efficient connector loading - 2 different RAST systems loadable in parallel (* 1 of the 5 listed feeder modules included, additional ones optional) - Detaching of connectors and cutting of RAST keyings - Efficient cable loading - 12 cable barrels mountable in parallel - 4 different cables loadable in parallel (different types, sections, colors) - Crimp stations - Termination of crimp contacts as specified by customer - Up to 3 crimping stations possible - With crimp force analyzer - Double crimp possible - Crimp housing block loader possible - Flexible cable processing - 1-to-n (U-type) and 1-to-1 (Z-type) harnesses - Crossed cables, bridged contacts and varying pitches in one harness - Multiple cable lengths in one harness (min. 200 mm, max. 2500 mm) - Precise IDT termination - Quality assurance - Mechanical testing units including RAST keying and cable position tests - Electrical testing units, including continuity, high-voltage/short-circuit tests - Destruction of reject parts (individually or sequentially) - Finishing - Cable bending unit for RAST 2.5 Power plus™ and RAST 5 - Produced harnesses hanging straight or in loop for manual unloading; unloading into tubes on request - Especially short changeover times
Options	<ul style="list-style-type: none"> - Special press die, required for 3517-5 (for 1 mm printed circuit board) - additional loading modules - crimp housing loader station


Dimensions and supply data


Electrical supply	400 V/50 Hz, 16 A
Compressed air supply	6 bar
Compressed air consumption	4–5 m³/h

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Associated products

Accessories

 HZ35-V

 HZ357-V

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
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