


97 VARICON 7000-DC-CR

Tools and harnessing machines



Versatile, fully automatic harnessing machine for termination of RAST connectors in insulation displacement technology (IDT), for production of daisy chain harnesses combined with additional crimp contacts, for flexible harness configurations, machine to be adapted to the application's requirements

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Approvals: 

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**Range of application**

Connector	RAST 2.5 (351..., 352..., 354...) 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. 20000 IDT contacts/h
Scope of functions and delivery	<ul style="list-style-type: none"> <li>- <b>Efficient connector loading</b></li> <li>- 2 different RAST 2.5 connector types loadable in parallel (351./352. and 354.)</li> <li>- Detaching of connectors and cutting of RAST keyings</li> <li>- <b>Efficient cable loading</b></li> <li>- different cables loadable in parallel (different types, sections, colors)</li> <li>- can be adapted to the application's requirements</li> <li>- <b>Crimp stations</b></li> <li>- Termination of crimp contacts as specified by customer</li> <li>- Up to 3 crimping stations possible</li> <li>- With crimp force analyzer</li> <li>- Double crimp possible</li> <li>- <b>Flexible cable processing</b></li> <li>- Daisy chain harnesses with up to six connectors per cable</li> <li>- Common jumper harnesses also possible</li> <li>- 1-to-n (U-type) and 1-to-1 (Z-type) harnesses</li> <li>- Crossed cables and varying pitches in one harness</li> <li>- Cable lengths min. 30 mm, max. 3500 mm, depending on configuration</li> <li>- Precise IDT termination</li> <li>- <b>Quality assurance</b></li> <li>- Mechanical testing units including RAST keying and cable position tests</li> <li>- Electrical testing units, including continuity, high-voltage/short-circuit tests</li> <li>- Destruction of reject parts</li> <li>- <b>Finishing</b></li> <li>- Produced harnesses hanging straight or in loop for manual unloading; unloading into tubes on request</li> <li>- <b>Especially short changeover times</b></li> </ul>
Options	<ul style="list-style-type: none"> <li>- additional loading modules</li> <li>- crimp housing loader station</li> </ul>

**Dimensions and supply data**

Electrical supply	400 V/50 Hz, 16 A
Compressed air supply	6 bar
Compressed air consumption	4–5 m <sup>3</sup> /h

**Associated products**

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
VARICON 7000-DC-CR	-	1	1