



IRDC 2000

heat shrinking



komax

IRDC 2000

The IRDC-2000 is a digital control unit designed to manage the heating process of infrared shrinking devices – optional with two channels to control two different devices.

The two-channel variant of the IRDC-2000 digital control unit allows for independent control of two different infrared shrinking devices. The product offers a software-controlled controller with a user-friendly touchscreen interface for easy operation. The software allows the user to fully customize programs and offers to try out parameters in a test mode. During the heating process, the production status can be monitored for efficient control. Additionally, the product can be connected to a network for remote access, enabling users to configure and operate the product from a remote location. The foot-operated switch is available as an optional accessory for hands-free operation.

Programming the heating process on the IRDC-2000.

**PRECISE
HEAT MANAGEMENT AT YOUR FINGERTIPS**

Comprehensive infrared shrinking setup including the IRDC-2000 digital control unit, IRMO and IRDT infrared shrinking devices, and the optional foot-operated switch.



Software-controlled precision

The IRDC-2000 enables you to fine-tune and optimize the heating process for your infrared shrinking devices. Set precise parameters tailored to various materials or applications, whether you're dealing with delicate or heavy-duty tasks, consistent and reliable results are guaranteed every time.

User-friendly touchscreen interface

The IRDC-2000 boasts a user-friendly touchscreen interface that provides complete access to the software. From initial configuration to programming, testing, and production, you can seamlessly navigate the entire process.

Fully customize programs

Create and edit programs within the database. Utilize the integrated test mode to experimentally determine burn power and burn time. Even design sequential programs composed of multiple processing steps.

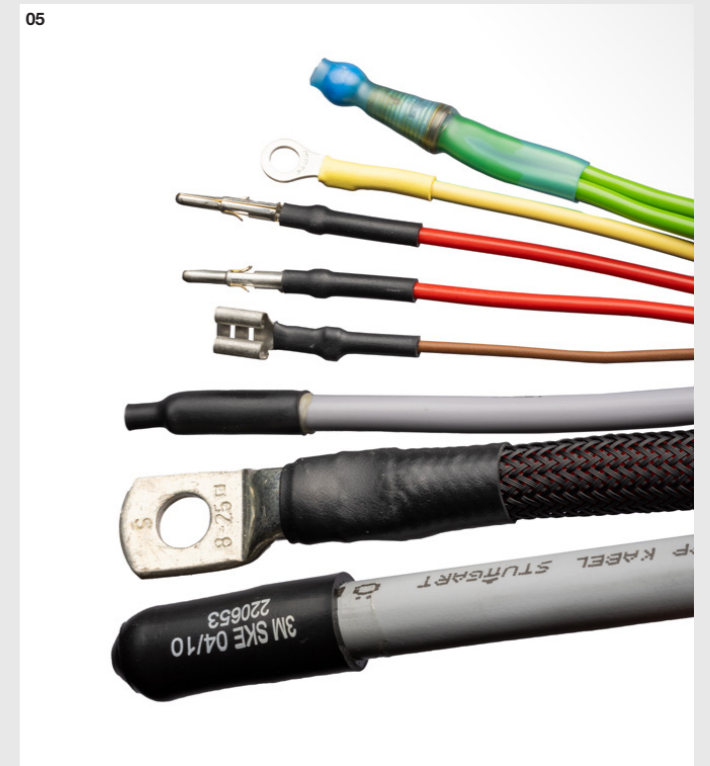
Independent control of two infrared shrinking devices

The two-channel variant of the IRDC-2000 allows you to simultaneously or independently control two different infrared shrinking devices. Each channel can be activated using either the optional foot-operated switch or the integrated switch on the infrared shrinking device itself.

Network connectivity for remote access

By connecting the IRDC-2000 to your factory network via the Ethernet connection, you gain the ability to configure and operate the product remotely. Access the user interface conveniently through a web browser, which mirrors the interface as it appears directly on the product.

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Technical data

	IRDC-2000-1	IRDC-2000-2
Channels	1	2
Connected load per channel (230 V)	max. 2300 W	max. 1150 W
Connected load per channel (110 V)	max. 1100 W	max. 550 W
Electrical connection	110 – 230 VAC, 50 – 60 Hz	
Weight	ca. 1 kg (ca. 2.2 lb)	
Dimensions L x W x H	344 x 192 x 78 mm (13.5 x 7.6 x 3.1 in)	
Cable length	2000 mm (78.7 in)	
Ambient temperature	0 – 40 °C (0 – 104 °F)	
Air humidity non-condensing	15 – 85%	

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01 The two-channel variant of the IRDC-2000 features additional connections on its backpanel.

02 The IRDC-2000 initiates the heating process using the integrated start switch on the infrared shrinking device.

03 The IRDC-2000 can be remotely configured and operated by connecting it to a network.

04 The IRDC-2000 operates via a touchscreen user interface, featuring clear graphics.

05 Precisely control the heating process to handle a wide range of applications using various heat-shrink materials.



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Komax – leading the field now and in the future

As a pioneer and market leader in automated wire processing, Komax provides its customers with innovative solutions. Komax manufactures series and customer-specific machinery, catering to every degree of automation and customization. Its range of quality tools, test systems, and intelligent software and networking solutions complete the portfolio, and ensure safe, flexible, and efficient production.

Komax is a globally active Swiss company with highly qualified employees and development and production facilities on several continents. It provides local support to customers worldwide through its unique sales and service network and offers services that help them get the most out of their investments.

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