

Ultrasonic hand welding guns

HG35-EC / HG35-RS



 **rinco**[®]
ultrasonics

AROUND YOU EVERY DAY

HG35-EC / HG35-RS





HG35-EC / HG35-RS

Ultrasonic hand welding guns

Convenient, yet strong: RINCO ultrasonic hand welding guns are perfect for spot welding, cutting, riveting, inserting, embedding and flanging thermoplastics. These high-performance ultrasonic hand welding units possess a number of attractive features.

The housing on the HG35-EC and HG35-RS ultrasonic hand welding guns is made from reinforced plastic, making the guns both robust and extremely lightweight. The ergonomic handle features a non-slip soft-touch surface and the shape of the hand units ensures that they are well balanced.

	HG35-EC	HG35-RS
KHZ Operating frequency:	35 kHz	35 kHz
Compatible generators:	Ecoline35	RDG35, SDG35
 Amplitude:	40–100 %	RDG35: 40–100 % SDG35: 15–100 %
Operating mode:	Continuous	RDG: Continuous SDG: Continuous, time, energy
 Weight:	600 g incl. converter	600 g incl. converter
Connection cable:	<ul style="list-style-type: none">• Standard: 3 m• Special lengths available on request: 7 m, 11 m, 15 m	<ul style="list-style-type: none">• Standard: 3 m• Special lengths available on request: 7 m, 11 m, 15 m



COMPATIBLE GENERATORS

HG35-EC:	Ecoline35-400
HG35-RS:	SDG35-400/750 RDG35-400/750



RINCO ULTRASONIC GENERATORS
are easy to install and save space, as well
as being robust and reliable.

AMPLITUDE AMPLIFICATION

The integrated converter amplifies the amplitude while the regulating generator ensures that it is kept constant. The amplitude can be adjusted on the generator to match the specific application.

Amplitude	HG35-EC set:	HG35-RS:
1:1.5 amplified by	Converter 1:1.5 (included)	Converter 1:1.5 (not included)

FIELDS OF APPLICATION



AUTOMOTIVE



HIGH-TECH



PACKAGING



FOOD



NON-WOVEN & TEXTILE



MEDICAL



HOUSEHOLD



COSMETICS

**WELDING
PUNCHING
RIVETING
EMBOSSING
FLANGING
INSERTING
EMBEDDING
SEALING
CUTTING**

HG35-EC / HG35-RS

HG35-EC / HG35-RS - Ultrasonic hand welding guns

ERGONOMIC WORKING



LIGHTWEIGHT

Thanks to their plastic housing, the ultrasonic hand welding units are extremely light yet also robust.



STATUS LED

The status of the generator can easily be checked on the back of the unit.



STATUS LED

Easily check the status of the generator on the unit itself.



ERGONOMIC

The lightweight design combined with the ergonomic shape and surface makes working with these hand units particularly comfortable, while the LED provides more light to the working area



ERGONOMIC SHAPE

The weight of the ultrasonic hand welding guns is perfectly balanced thanks to their design, making them feel even lighter to handle as a result.



WORK LIGHT

The integrated light illuminates the working area, facilitating clean and ergonomic working.



HANGING

The eyelet enables the hand units to be hung from support fixtures and balancers.



START TRIGGER

The ultra-precise trigger point facilitates convenient working, while the push-button is extremely durable.

SIMPLE HANDLING



SERVICE FRIENDLY

The converter can be changed over in no time.



CONVENIENT WORKING

Operating the hand unit is simple, safe, comfortable and intuitive.

ALL-INCLUSIVE



AIR COOLING

Air cooling for the sonotrode and the converter is pre-integrated in the hand unit and should be used as required.



ALL-IN-ONE CABLE

The air cooling, control system, HF signal and earthing are pre-integrated and combined in the connection cable.



THE HG35-EC AS A SET

The HG35-EC is available in a set and is supplied in a carrying case for easy transportation to wherever it is required.

THE HG35-EC SET

comprises:

- HG35-EC
- Ecoline35 generator
- Service tool
- Carrying case

The sonotrode is manufactured according to the customer's specifications and is therefore not included in the set. We will be happy to advise you – get in touch today!

We would be delighted to assist you should you require further information. Contact us at: info@rincoultrasonics.com or on +41 (0)71 466 41 00.

**COME AND DISCOVER
THE OUTSTANDING
QUALITY OF RINCO
PRODUCTS FOR
YOURSELF.**

ERGONOMIC

We want our equipment to be as convenient to use as possible. That's why we make sure that our devices are ergonomic in shape, **well-balanced in terms of weight** and feature soft-touch surfaces on the handle as well as a work light.

RELIABLE

RINCO products operate very **reliably** and have a **long service life**.

SAVE TIME

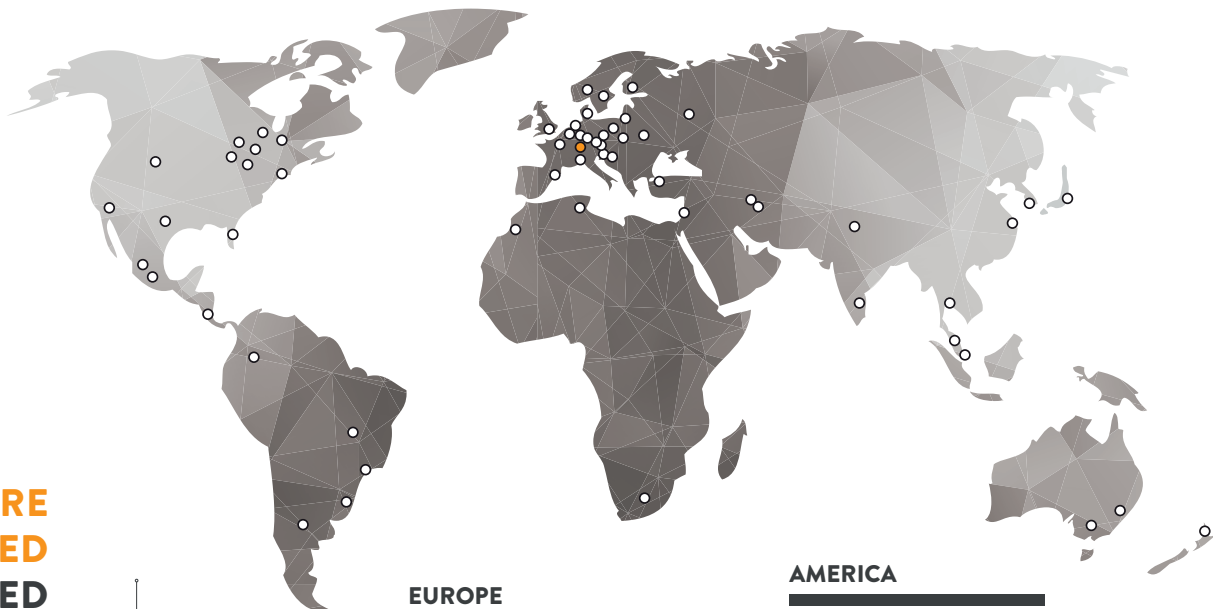
Our products are practically **maintenance-free**.

GLOBAL SERVICE

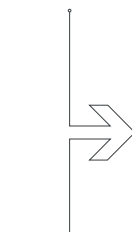
Our **global network** is always on hand should your equipment ever require servicing. Our employees and partners are available to provide you with comprehensive on-site support before, during and after purchase. Here at RINCO, you can expect first-class service.



HG35-EC / HG35-RS



**WE ARE
FOCUSED
COMMITTED
GLOBAL
LOCAL**



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