



## Hypertherm HPR Auto Gas Meter Recycling Instructions

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# Hypertherm®

HPR Auto Gas Meter  
Recycling instructions



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### Introduction and purpose

The HPR Auto Gas Meter consists of recyclable and reusable parts. Use these instructions to disassemble the HPR Auto Gas Meter for recycling and reuse.

Before you begin, designate bins for the following three recycling categories:

- plastics
- mixed metal
- E-waste

You can salvage items like the fan shroud, air filter, power switch, heat sink, capacitors, power cord, transformer, inductors, and resistors for resale to an online market if they are in working condition. This document suggests where you can resell and reuse these salvageable items. Generally, the repurpose price is more than the value in scrap. Because scrap prices fluctuate almost daily, there is an incentive to recycle and repurpose rather than dispose of these components in landfills.



#### **WARNING**

#### **ELECTRIC SHOCK CAN KILL**

Disconnect electric power before doing installation or maintenance. You can get a serious electric shock if electric power is not disconnected. Electric shock can seriously injure or kill you.

All work that requires removal of the plasma power supply outer cover or panels must be done by a qualified technician.

Refer to the Safety and Compliance Manual (80669C) for more safety information.

#### **Tools needed**

The HPR Auto Gas Meter disassembly can be accomplished with basic hand and power tools that are readily available worldwide.

#### **Individual tools and sizes needed**

- TORX® driver – T20
- Screwdriver – Philips® head
- Socket size – 5/16 inch, 7/16 inch, 1/4 inch
- Tin scissors (optional)
- Wire cutters

#### **Example scrap values for U.S. markets, 2021**

#### **Disclaimer**

Most of the components in the HPR Auto Gas Meter system can be recycled at your local recycling facility, but the average price per pound or ton for these components varies based on geographic location. International customers should note that categories for recyclables are country-specific and may be different than the ones listed below. All prices are listed in U.S. dollars and represent the average national scrap values at a specific moment in time.

#### **Total value**

- Total weight of unit = 24.75 pounds

End market category	National average scrap value (U.S.)	
	(\$ per pound)	(\$ per ton)
Aluminum	\$0.50 – \$0.88	
Plastic	\$0.10 – \$0.58	
PCBs	\$0.50 – \$1.16	
Brass	\$1.34 – \$1.90	
Scrap copper	\$2.77 – \$3.34	
Power cords / Wires	\$0.72 – \$1.08	
Transformers	\$0.24 – \$0.48	
Mixed metal (ferrous)		\$1.90 – \$2.05

## HPR Auto Gas Meter systems

### Step 1

Unplug the system from the power outlet and wait five minutes to allow all the stored energy to discharge before proceeding to Step 2.

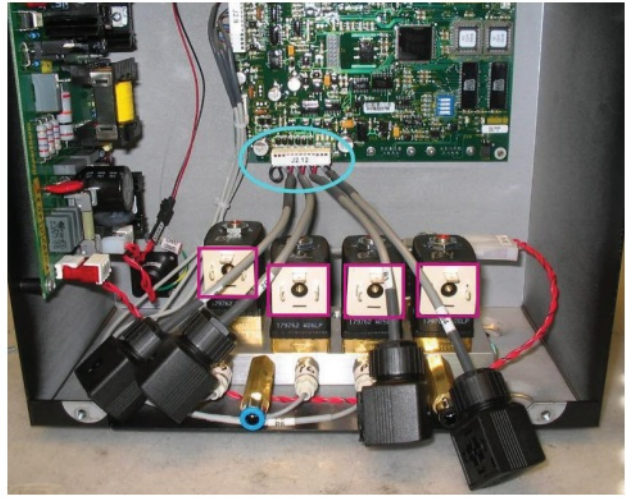
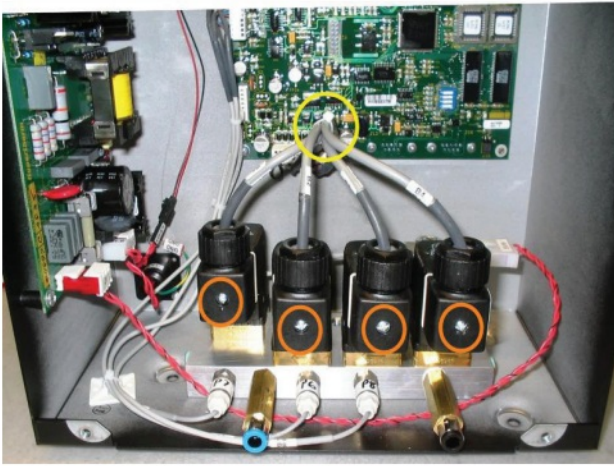
### Step 2

Remove the bolts using the T20 TORX driver. Pull to remove all the wires. Discard the bolts and wires into the mixed metal recycling stream.



### Step 3

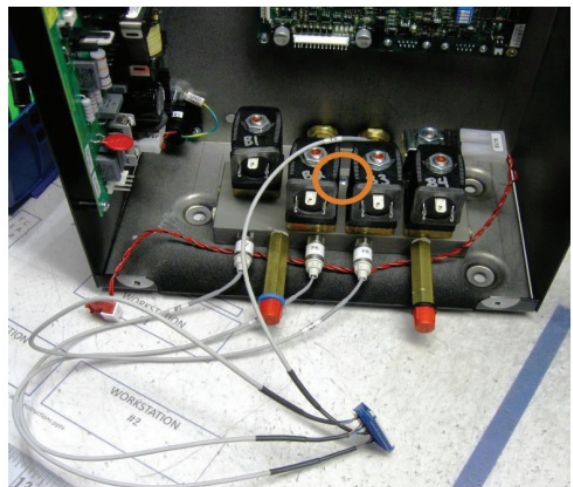
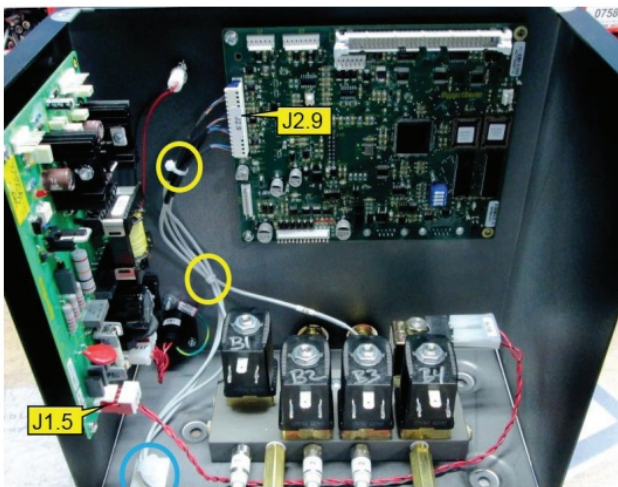
Loosen the screws with a Phillips screwdriver. Pull on the cables to remove them from their connectors.



#### Step 4

Remove the screws using a Phillips screwdriver and cut all cable ties.

Discard the screws into the mixed metal recycling stream. Discard the cable ties into the plastic recycling stream.



#### Step 5

Remove the screws and nuts with a Phillips screwdriver and the 1/4 inch socket.

Discard the screws and nuts into the mixed metal recycling stream.

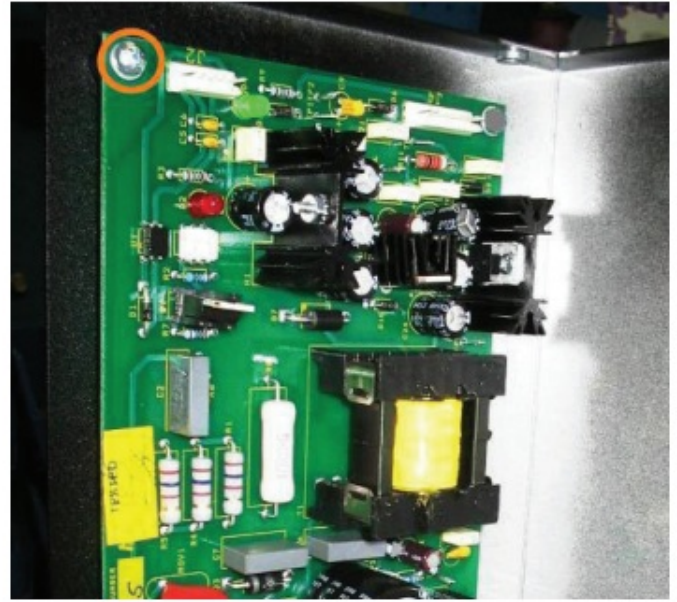


#### Step 6

Remove the screws with a Phillips screwdriver. Pull to disconnect the wires.

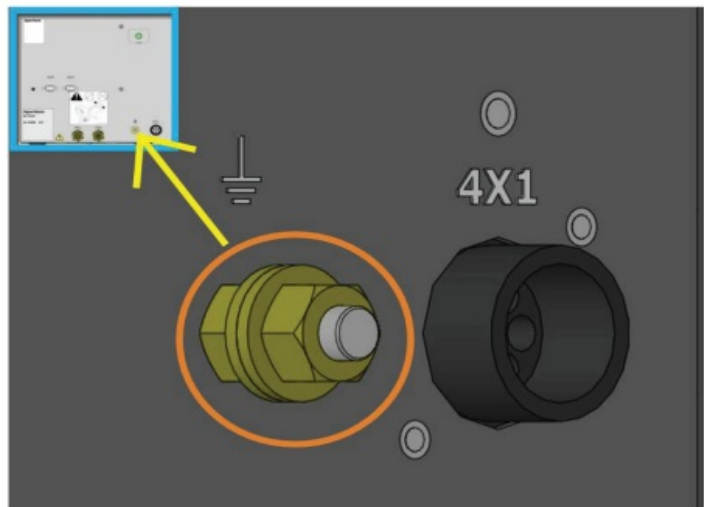
Discard the screws and wires into the mixed metal recycling stream.

Discard the PCB into the E-waste recycling stream.



### Step 7

Remove the nuts using the ¼ inch, 5/16 inch, and 7/16 inch sockets.  
Discard the nuts into the mixed metal recycling stream.



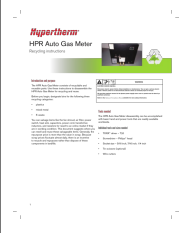
Engineered and assembled in the USA  
ISO 9001:2015

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**Documents / Resources**

	<p><a href="#">Hypertherm HPR Auto Gas Meter Recycling</a> [pdf] Instructions</p> <p>HPR Auto Gas Meter, HPR Gas Meter, Auto Gas Meter, Gas Meter, Meter, HPR Auto Gas Meter Recycling</p>
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## References

- [H hypertherm.com/patents](https://hypertherm.com/patents)

Manuals+,