Hypertherm®

HPR Auto Gas Meter

Recycling instructions

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 resell 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.

<table>
<tr><td colspan="2" align="right">WARNING</td></tr>
<tr><td colspan="2">ELECTRIC SHOCK CAN KILL</td></tr>
<tr><td colspan="2">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 <i>Safety and Compliance Manual</i> (80669C) for more safety information.</td></tr>
</table>

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

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.
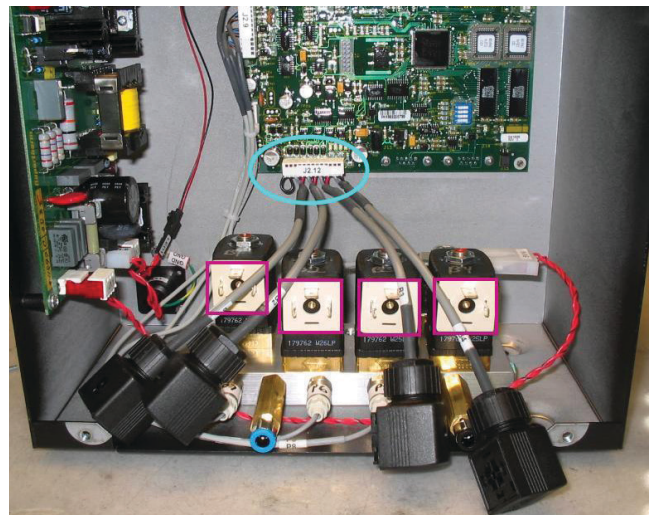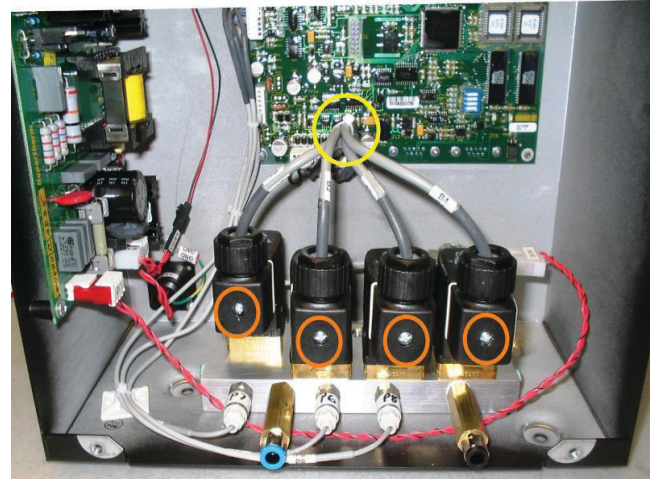
Step 2

Remove the bolts using the T20 TORX driver. Pull to remove all the wires.

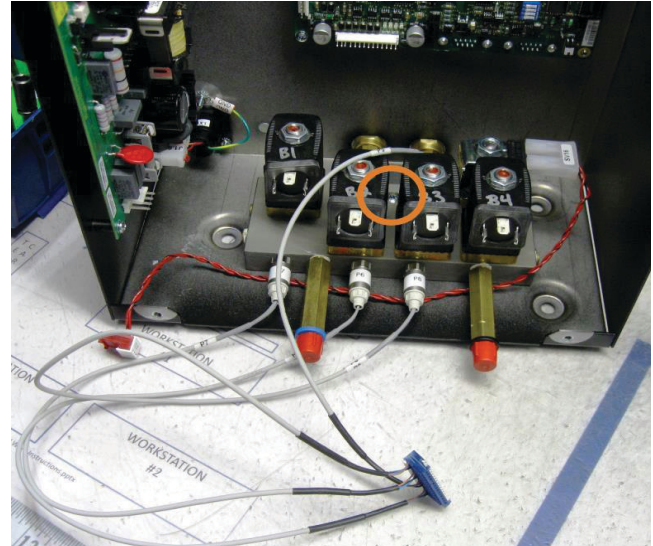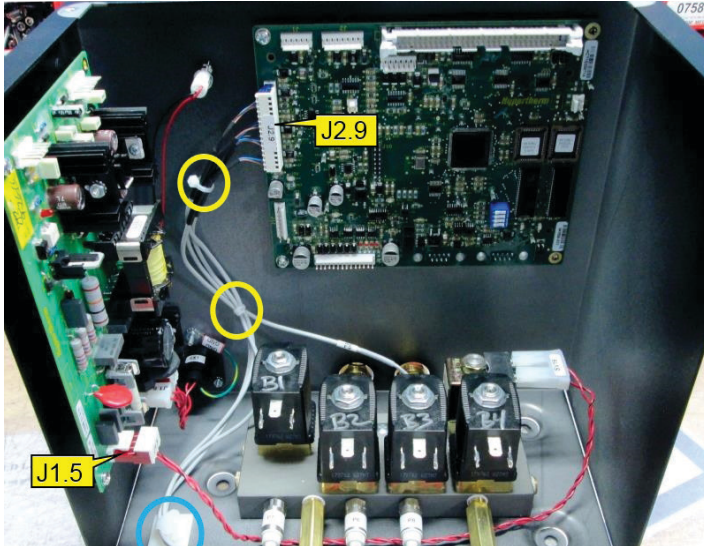Discard the bolts and wires into the mixed metal recycling stream.

Step 3

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

Step 4

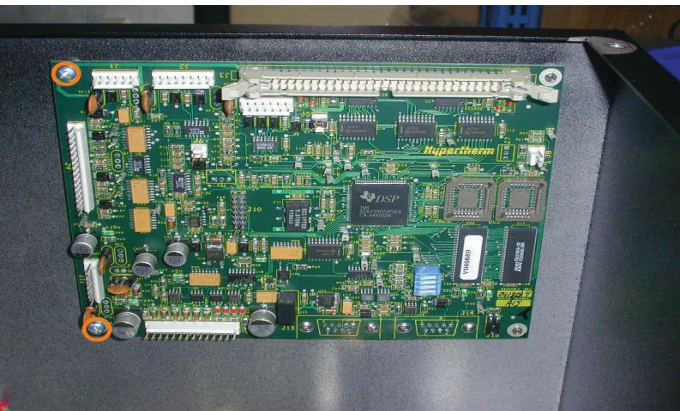Remove the screws using a Phillips screwdriver and cut all cable ties.

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

Step 5

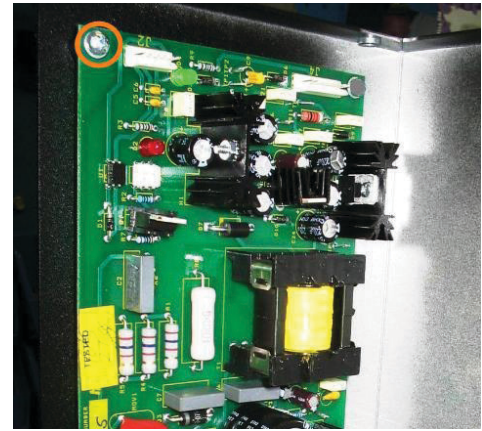Remove the screws and nuts with a Phillips screwdriver and the ¼ inch socket.
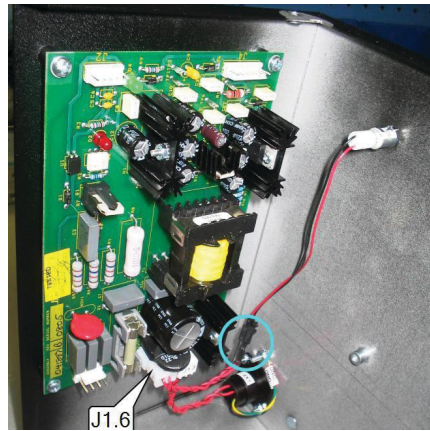
Discard the screws and nuts into the mixed metal recycling stream.

Step 6

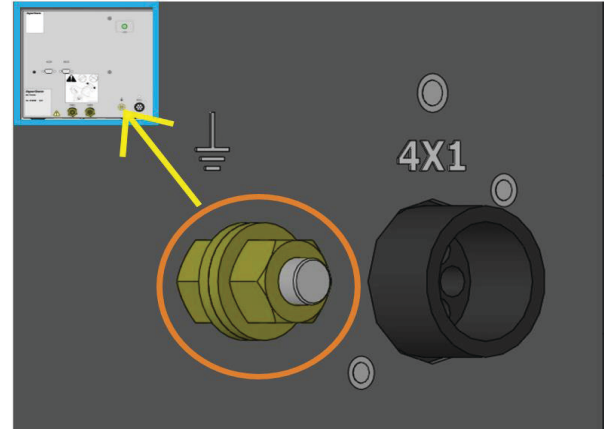Remove the screws with a Phillips screwdriver. Pull to disconnect the wires.

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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Revision 0

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