

Heraeus

Your key to higher returns. Go direct to Heraeus.



**Heraeus Precious
Metal Refining**

Your Direct Refiner



Scrap recovery techniques.

You'll find scrap in many different shapes and forms. Old or replaced crowns may contain precious metals, as do sprues and buttons. Metal residue often comes from spillage or flashes during the casting process. The finishing process leaves bits of metal and abrasive materials from the grinding and polishing steps. Low-grade scrap collects in shop dust, on floors and in rags and air filters.

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Take advantage of technology.

With the advent of more and more alloys in the dental industry, the technology for sampling and assaying scrap has evolved into a highly sophisticated process.

We use Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP AES) to determine the precious metal content of a scrap lot. This sophisticated unit uses spectral means, based on the physical property of atomic emission and solid-state technology to analyze the type and quantity of each metal present.

The completely automated instrumentation ensures fast, precisely accurate assays each and every time. It also minimizes human errors and biases, which are common in traditional assay methods.

Understanding the process.

The sampling and assaying process includes several steps to accurately determine the types and quantities of precious metal. We prepare a sample of your scrap shipment by melting, crushing, blending and sifting the scrap, then dissolving a sample in acid.

Get fast, accurate settlements.

We can analyze and report on over 200 samples per day—the fastest, most accurate assay available. We process shipments within 7–10 business days. Every shipment we receive is assigned a lot number for accurate tracking. This lot number is mailed to you once your shipment is received. Our Customer Service team is also available to answer any questions about the status of your shipment.



Collection process:

Transform your Scrap into an asset by following these steps:

- Set up a regular collection procedure in your office
- Send in your Scrap regularly instead of holding it for long periods of time

Payment options:

- Check
- Credit to your Heraeus Kulzer account
- Gold and silver investment coins





Recycle your precious material.

Precious metals are a mainstay of your restorative dental business. The scrap that comes from daily work with those metals can add up to a significant value. A single ounce of metal may be worth hundreds of dollars. Your lab work area probably has plenty of retrievable gold, palladium, platinum or silver. With a few simple steps, you can recycle your scrap materials into a profit.

Trust an industry leader.

For over a century, we had manufactured and distributed dental casting alloys worldwide. And we began refining scrap for the dental industry in the 1960s. Today, we receive over 25,000 scrap shipments annually, giving us a solid reputation as one of the leading scrap metal refiners worldwide.

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