



# Falcon™ Standalone Unit

**Designed to fit simply into your process to capture all the value of spent precious metals**



## About Falcon

The beauty of the PhosphonicS Falcon™ is that it can be easily installed in processes to capture spent precious metals efficiently. This small unit allows you to evaluate PhosphonicS' smartest silica technology swiftly and inexpensively. This safe, simple, low cost solution offers a flexible way to solve a complex problem and is available for purchase or rental.



## Benefits

- Maximise value by recovering precious metals in your waste
- Low cost technology assessment with both purchase and rental options available
- Obtain reliable, credible data at pilot scale whilst minimising risk
- Yield quality data quickly for rapid evaluation of the effectiveness of precious metal recovery
- Requires minimal manpower both at project and operator level



## PhosphonicS Precious Metal Recovery Products

The Falcon™ is designed for use with PhosphonicS' patented smartest silica technology. The Phos-series of scavengers shows superior performance compared to standard adsorbents.

- Designed to recover only precious metals
- Highly porous for optimised stream flow
- Stable in both aqueous and organic media
- Larger surface area for higher loadings

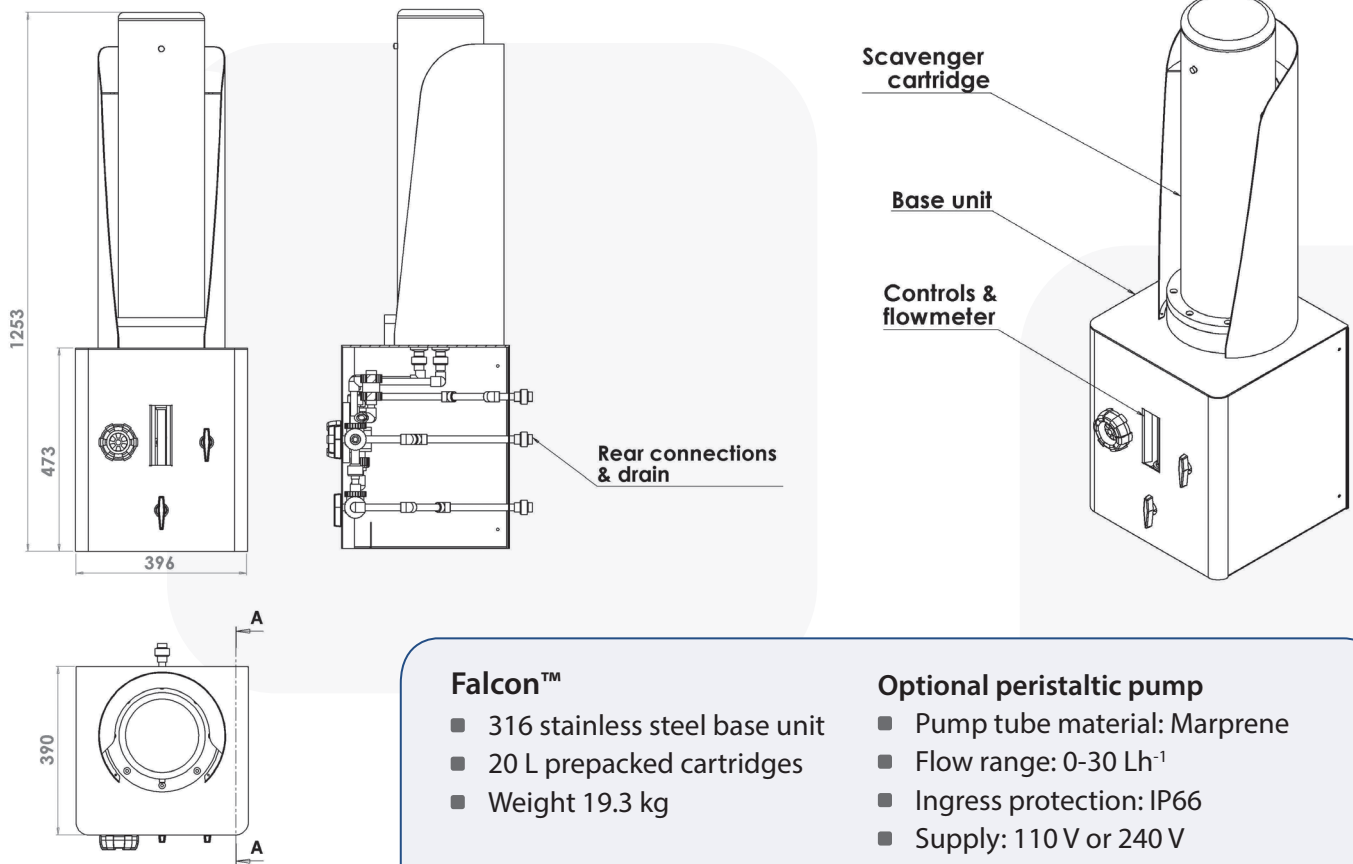


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Maximising Potential Returns



# Technical Specification



### Falcon™

- 316 stainless steel base unit
- 20 L prepacked cartridges
- Weight 19.3 kg

### Optional peristaltic pump

- Pump tube material: Marprene
- Flow range: 0-30 Lh<sup>-1</sup>
- Ingress protection: IP66
- Supply: 110 V or 240 V
- Control: Manual/remote/PROFIBUS



## Contact PhosponicS

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