

AZTEC UPFLOW REACTOR (AZ-UFR)



► EXTRACT GOLD FROM YOUR TAILINGS NOW

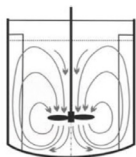
At AZTEC Mining, we specialise in engineering advanced technologies that revolutionise gold and metallurgical processing. Our innovative AZ-UFR maximise efficiency, profitability, and environmental stewardship. This is achieved by reducing tailings cyanide levels, while achieving additional gold recovery and reducing detox reagent costs.

► THE AZ-UFR ADVANTAGE

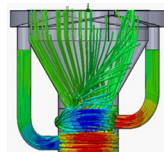
The AZ-UFR combines cutting-edge design with advanced fluid dynamics to address key challenges in gold and metallurgical processing. At its core, the reactor features a counter-current flow system that optimizes the interaction between solids and liquids in the slurry, enhancing ion transfer and improving recovery rates.

► KEY BENEFITS INCLUDE

- **Maximum Gold Recovery, Reduced Cost:**
Boosts kinetic energy by up to 80 times compared to traditional systems. This translates into better chemical reactions, faster recovery, and a significant reduction in detox reagent use—a critical cost-saving factor in the mining industry.
- **Simplified Operation:**
Handles lower slurry densities without compromising performance, eliminating the need for additional post-leach thickening. This simplification reduces operational complexity, leading to further cost savings by streamlining the overall tailings processing circuit.



CONVENTIONAL TANK
WITH AGITATOR



AZ-UFR



CONTACT DETAILS

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