



Professional Approach | Efficient Results

Analytical Table

The Met-Solve Analytical Table (MAT) is an invaluable instrument to evaluate the amenability of minerals to gravity concentration. Designed in line with a superpanner or similar device, the simplicity and efficacy of this advanced gravity tool can be appreciated by all with mineral processing experience.

The MAT allows for precise control of oscillation frequency, deck slope, irrigation flow rate as well as offering an optional peristaltic pump and reservoir for injection of surfactant into the irrigation water. The two supplied table decks allow a wide range of particle sizes to be tested, from under 37 microns to 2mm.



The Double Deck Advantage

One flat deck and one V-Deck are included with the Met-Solve Analytical Table.

The flat deck is used to determine the gravity concentration amenability of fine and ultrafine samples from approximately 200 microns to well below 37 microns.

The V-deck is used for coarse samples, with particle sizes ranging from about 200 microns up to approximately 2mm. This deck uses a “knock” mechanism, which pulls dense materials up the table along the “V” groove.

Applications

- Gold
- Silver
- Platinum
- Cassiterite
- Tantalite
- Wolframite
- Scheelite
- Metal-bearing sulfides
- Zirconium
- Titanium minerals
- Chromite
- And many more – contact Met-Solve to inquire