

Instant Top Discharge



An Instant Top Discharge Centrifuge (ITD) is a vertical batch-type centrifuge that offers semi-automatic discharge of solids from the top using a bag lifting device (BLD), significantly improving upon traditional manual top discharge centrifuges.

ADVANTAGES

- Reduced manual labor helps streamline operations and reduce operator fatigue.
- Improved hygiene and safety reduce exposure to hazardous materials, ideal for pharma, agrochemical, and fine chemical sectors.
- Lower downtime ensures shorter turnaround between batches



| VERTICAL BATCH TYPE | BASKET DIAMETER MM | BASKET DEPTH MM | WORKING CAPACITY LTS | STATIC WEIGHT KGS | ROTATION SPEED RPM | CENTRIFUGAL FORCE G | FILTRATION AREA SQ M | MOTOR POWER KW |
|---------------------------|--------------------------|-----------------------|----------------------------|-------------------------|--------------------------|---------------------------|----------------------------|----------------------|
| ITD 24 | 600 | 300 | 56 | 1000 | 1200 | 483 | 0.57 | 2.2 |
| ITD 36 | 900 | 450 | 171 | 2750 | 1000 | 503 | 1.27 | 5.5 |
| ITD 48 | 1200 | 600 | 377 | 4500 | 900 | 543 | 2.26 | 11 |
| ITD 60 | 1500 | 600 | 589 | 6000 | 800 | 536 | 2.83 | 15 |

DESIGN VARIATIONS

Body (Single Shell Design, Full Body Opening)
Lid Opening (Full)
Feeding (J-Type, Conical)

MATERIAL OF CONSTRUCTION

SS (304/316/316L/904L), Hastelloy (C22/C276), Duplex Steel, with optional linings like Halar, Teflon, or rubber

