

COMPARATIVE TABLE OF LABORATORY SIEVE SHAKERS

	FTL-0150	FTL-0200	FTL-0300	FTL-0400	FTLVH-0150	FTLVH-0200	TED-0300	FTLBA
Kind of sieve shaker	Digital electromagnetic	Digital electromagnetic	Engine with eccentric masses	Engine with eccentric masses	Digital electromagnetic	Digital electromagnetic	Digital electromagnetic	Digital air jet
Kind of sieving	Dry	Dry	Dry / Wet	Dry / Wet	Dry / Wet	Dry / Wet	Dry	Dry (air jet)
Application	Particle separation	Particle separation	Particle separation	Particle separation	Particle separation	Particle separation	Particle separation	Particle separation
Particle size	40 µm to 125 mm	40 µm to 125 mm	40 µm to 125 mm	40 µm to 125 mm	40 µm to 125 mm	40 µm to 125 mm	40 µm to 125 mm	5 µm to 4 mm
Maximum number separations	8 / 16	8 / 16	5	5	8 / 16	8 / 16	6/10	1
Maximum capacity of product	2 kg	3 kg	9 kg	12,5 kg	2 kg	3 kg	9 kg	0,5 kg
Product movement	Three-dimensional	Three-dimensional	Three-dimensional	Three-dimensional	Three-dimensional	Three-dimensional	Three-dimensional	Air jet flow
Amplitude	0 to 2,5 mm	0 to 2,5 mm	2 to 5 mm	2 to 5 mm	0 to 2,5 mm	0 to 2,5 mm	0 to 3 mm	-
Power levels	9	9	-	-	9	9	9	-
Timer	Yes (1 to 99 min)	Yes (1 to 99 min)	-	-	Yes (1 to 99 min)	Yes (1 to 99 min)	Yes (1 to 99 min)	Yes (1 to 99 min)
Interval sieving	Yes (1 to 9 sec)	Yes (1 to 9 sec)	-	-	Yes (1 to 9 sec)	Yes (1 to 9 sec)	Yes (1 to 9 sec)	-
Memorized parameters	Yes	Yes	-	-	Yes	Yes	Yes	Yes
Electrical characteristics	220 V (50 Hz) 0,4 kW Single-phase	220 V (50 Hz) 0,4 kW Single-phase	220/380 V (50 Hz) 0,155 kW Three-phase	220/380 V (50 Hz) 0,420 kW Three-phase	220 V (50 Hz) 0,4 kW Single-phase	220 V (50 Hz) 0,4 kW Single-phase	220 V (50 Hz) 0,4 kW Single-phase	220 V (50 Hz) 0,019 kW Single-phase
rpm	-	-	1500	1500	-	-	-	-
Sieves diameters	Ø 100 mm Ø 150 mm	Ø 200 mm Ø 203 mm	Ø 300 mm Ø 305 mm	Ø 400 mm	Ø 150 mm	Ø 200 mm Ø 203 mm	Ø200mm Ø203mm Ø250mm Ø300mm Ø305mm	Ø 200 mm
Height of sieve tower	max. 400 mm	max. 400 mm	max. 500 mm	max. 500 mm	max. 400 mm	max. 400 mm	max. 500 mm	max. 50 mm
Sieve shaker weight	Around 40 kg	Around 40 kg	Around 60 kg	Around 75 kg	Around 45 kg	Around 45 kg	Around 50 kg	Around 20 kg