

TEST SIEVE SHAKERS

Ro-Tap® RX-29 and Ro-Tap® RX-30 Models

The industry standard in test sieve shakers, W.S. Tyler's Ro-Tap® has a unique two-dimensional operation: a horizontal, circular motion and a vertical, tapping motion. This special action allows material particles to stratify and "seek" critical openings in the test media. The result is the most accurate and consistent particle analysis testing.

The RX-29 model is designed for testing with 8" diameter test sieves; the RX-30 model is designed for testing with 12" diameter test sieves.

- Testing applications — RX-29: 2" down through 635 mesh (20 micron); RX-30: 5" down through 500 mesh (25 micron)
- Requires minimal maintenance
- Heavy-duty use
- Features 99 minute digital timer/clock
- Each unit test run and serialized prior to shipment.

SPECIFICATIONS

- Oscillations per Minute: 278
- Oscillations Displacement: 1" x .75"
- Taps per Minute: 150
- Hammer Weight; 5 lbs., 6 oz.

Recommendations regarding the maximum number of test sieves that can be used with Ro-Tap® Test Sieve Shakers:

MODEL	NUMBER OF SIEVES	
	FULL HEIGHT	HALF HEIGHT
RX-29 (8" or 200mm Dia.)	6 Sieves w/FH Pan	13 Sieves w/HH Pan
RX-30 (12" or 300mm Dia.)	4 Sieves w/FH Pan or 6 Sieves w/HH Pan*	8 Sieves w/HH Pan

* Intermediate height
A top cover is required for testing with of all the above.



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Dimensions — Unit: 28" wide x 21" deep x 25" high (71cm x 54cm x 64cm)
Shipping: 31" wide x 23" deep x 30" high (77cm x 59cm x 77cm)

Weight — Unit: 180 lbs. (82 kg)
Shipping: 190 lbs. (86 kg)

AT 1750 RPM, 60 CYCLE CURRENT		
PART #	DESCRIPTION	PRICE (\$)
RX-29	110v (8" Test Sieves)	
RX-29-16	220v (8" Test Sieves)	
RX-30	110v (12" Test Sieves)	
RX-30-16	220v (12" Test Sieves)	

AT 1450 RPM, 50 CYCLE CURRENT		
PART #	DESCRIPTION	PRICE (\$)
RX-29-2	110v (8" Test Sieves)	
RX-29-10	220v (8" Test Sieves)	
RX-30-2	110v (12" Test Sieves)	
RX-30-10	220v (12" Test Sieves)	

Prices do not include test sieves.
All models are wired for single phase current only

RO-TAP® E SIEVE SHAKERS



Ro-Tap® E



Ro-Tap® E 12"



High-Tech Sieve Shaker, Designed to Meet the Critical Particle Analysis Demands of Today's Market.

Ro-Tap® RX-29-E and Ro-Tap® RX-30-E Models

The Ro-Tap® Electronic Test Sieve Shaker operates with 8" or 12" diameter Test Sieves and offers precise sieving results. The compact, Ro-Tap® RX-29-E (8" Test Sieves) unit requires minimal space on a laboratory countertop. The Ro-Tap® RX-30-E (12" Test Sieves) model is a floor unit. Controls can be remotely mounted for convenient operation. The units are designed for light to medium testing applications.

The Standard Model Features:

- Controlled Constant Amplitude
- Digital Controls
- Quick Release Hold Downs
- Fine and Coarse Analysis Control Settings
- See-Through Cover
- Quiet Operation
- Minimal Maintenance Required

Dimensions—Model E 8"

Unit: 18" wide x 18" deep x 30" high (46cm x 46cm x 76 cm)
Shipping: 20" wide x 20" deep x 32" high (51cm x 51cm x 81cm)
Weight—
Unit: 80 lbs. (36 kg)
Shipping: 90 lbs. (41 kg) **Power Options:** 110v. & 220v.

Dimensions—Model E 12"

Unit: 15" wide x 17" deep x 38" high (38cm x 43cm x 96cm)
Shipping: 31" wide x 31" deep x 39" high (78cm x 78cm x 99cm)
Weight—
Unit: 117 lbs. (53 kg)
Shipping: 172 lbs. (78 kg) **Power Options:** 110v. & 220v.

PART #	DESCRIPTION	PRICE (\$)
RX-29-E	Electronic 8" Shaker	
RX-30-E	Electronic 12" Shaker	

RO-TAP® SIEVE SHAKER MAINTENANCE KITS

To ensure lasting dependable service, Ro-Tap® Sieve Shakers must occasionally be upgraded with parts that are long-wearing, durable, and cost-effective. Maintenance kits are available for the replacement of parts due to normal wear and tear. W.S. Tyler recommends the use of these kits as a means to minimize down-time due to minor repairs. The purchase of a minor maintenance kit is also recommended with each new Ro-Tap® Sieve Shaker.



KIT PART NO.	DESCRIPTION	INCLUDES	PRICE *
10121	RX-29, RX-30, & RX-94 RX-29, RX-30, & RX-94	2 Eccentric Discs (R-10034), 1 Flange Bushing (R-10061), 1 Bearing (R-10062), 1 Cork (R-10066A), and 2 Flange Bearings (R-10063)	
10122	RX-29 & RX-30 Major Maintenance Kit	1 Minor Maintenance Kit (10121), 1 Timing Belt (R-10058), 1 Upper Carrying Plate (R-30008), 1 Cam Gear (R-20039), and 1 Timing Belt Pulley (R-30015)	
10123	RX-94 Major Maintenance Kit	Kit Part No. 10122 except Upper Carrying Plate	

* Prices reflect a 10% discount versus purchasing the items separately