

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.

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)	

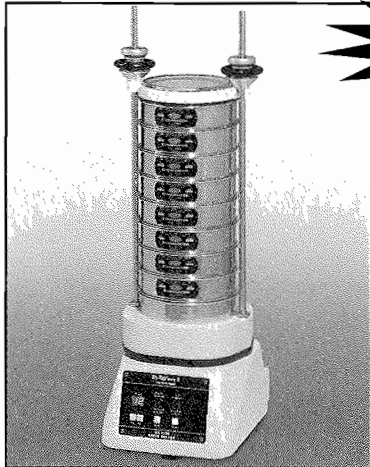
Prices do not include test sieves.
All models are wired for single phase current only



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RO-TAP® E SIEVE SHAKERS

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



Ro-Tap® E

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:

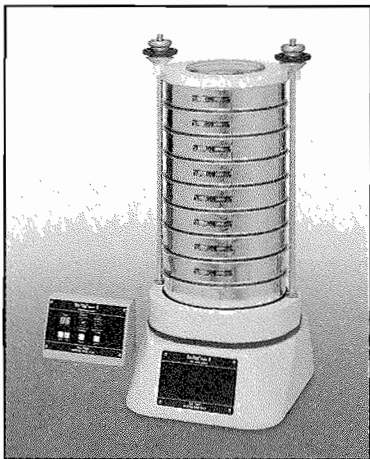
- Controlled Constant Amplitude
- Digital Controls
- Quick Release Hold Downs
- Fine and Coarse Analysis Control Settings
- See-Through Cover
- Quiet Operation
- Minimal Maintenance Required

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.

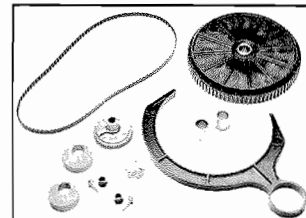


Ro-Tap® E 12"

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

RO-TAP® SIEVE SHAKER MAINTENANCE KITS

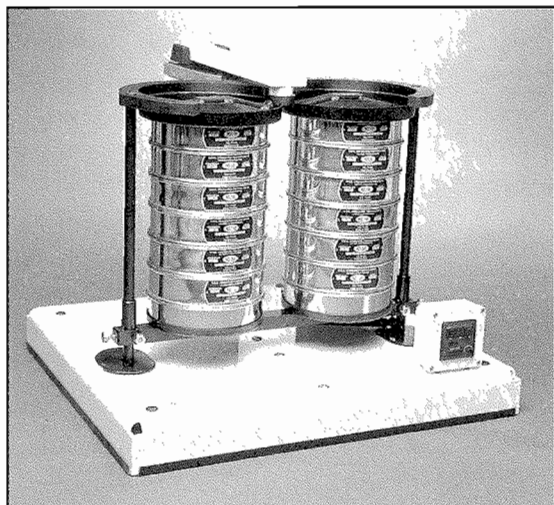
To ensure lasting dependable service, Ro-Tap® Sieve Shakers must occasionally be upgraded with parts that are long-wearing, durable, and cost-effective. Maintenance kits are available for the replacement of parts due to normal wear and tear. W.S. Tyler recommends the use of these kits as a means to minimize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



KIT PARTNO.	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

TEST SIEVE SHAKERS



Ro-Tap® RX-94 Model

Ro-Tap® RX-94 Test Sieve Shaker utilizes the same traditional design as the RX-29 and RX-30 models. In addition, the unit features a cavity that allows for two “stacks” of 8" diameter test sieves. This allows for twice the processing capacity in nominally the same time required to complete one test.

- Designed for use with 8" diameter test sieves only.
- Testing application: 2" down through 635 mesh (20 micron).

SPECIFICATIONS

- Oscillations per Minute: 278
- Oscillation 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-94 (8" or 200mm Dia.)	2 Stacks of 6 Sieves w/FH Pan	2 Stacks of 13 Sieves w/HH Pan

A top cover is required for testing.

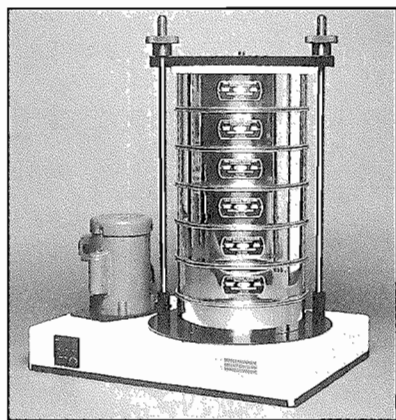
PART #	DESCRIPTION	PRICE (\$)
RX-94	110v. 60 Hz Current	
RX-94-1	220v. 60 Hz Current	
RX-94-2	110v. 50 Hz Current	
RX-94-3	220v. 50 Hz Current	

Prices do not include test sieves.

All models are wired for single phase current only.

Dimensions — Unit: 30" wide x 27" deep x 26" high (75cm x 68cm x 56cm)
Shipping: 31" wide x 31" deep x 30" high (77cm x 78cm x 75cm)

Weight — Unit: 220 lbs. (100 kg)
Shipping: 242 lbs. (110 kg)



RX-812 Coarse Sieve Shaker Model

Designed to be used in coarse testing applications, the affordable RX-812 Coarse Sieve Shaker has the unique capability of using both 8" diameter and 12" diameter test sieves, simply by using the quick-change adapters provided. The RX-812 has a quiet operation and utilizes an effective “action” that gives consistent, accurate results.

- Designed for use with 8" and 12" diameter test sieves.
- **Not recommended for analysis with particles 150 micron (100 mesh and finer) and smaller.**

SPECIFICATIONS

- Oscillations per Minute: 280 (60Hz); 231 (50Hz)

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-812 (8" or 200mm Dia.)	6 Sieves w/FH Pan	13 Sieves w/HH Pan
RX-812 (12" or 300mm Dia.)	4 Sieves w/FH Pan	6 Sieves w/HH Pan* or 8 Sieves w/HH Pan

* Intermediate height.

A top cover is required for testing.

Dimensions — Unit: 23" wide x 15" deep x 13" high (59cm x 38cm x 33cm)
Shipping: 25" wide x 19" deep x 15" high (64cm x 49cm x 38cm)

Weight — Unit: 43 lbs. (25 kg)
Shipping: 80 lbs. (28 kg)

PART #	DESCRIPTION	PRICE (\$)
RX-812	110v. 60 Hz Current	
RX-812-1	220v. 60 Hz Current	
RX-812-2	110v. 50 Hz Current	
RX-812-3	220v. 50 Hz Current	

All models are wired for single phase current only.

Prices do not include test sieves.

RO-TAP® SOUND ENCLOSURE CABINETS

Designed to be used exclusively with Ro-Tap® Sieve Shakers, operating noise levels are reduced from approximately 85 dB to 60 dB. The cabinets are fabricated with 18 gauge steel and a 1" metal faced, acoustic foam inner liner.

Dimensions —

R-30050: **Unit:** 35" wide x 24" deep x 29" high (89cm x 61cm x 74cm)
Shipping: 38" wide x 28" deep x 32" high (91cm x 69cm x 91cm)

RX-99: **Unit:** 34" wide x 33" deep x 31" high (86cm x 83cm x 78cm)
Shipping: 38" wide x 38" deep x 36" high (91cm x 91cm x 84cm)

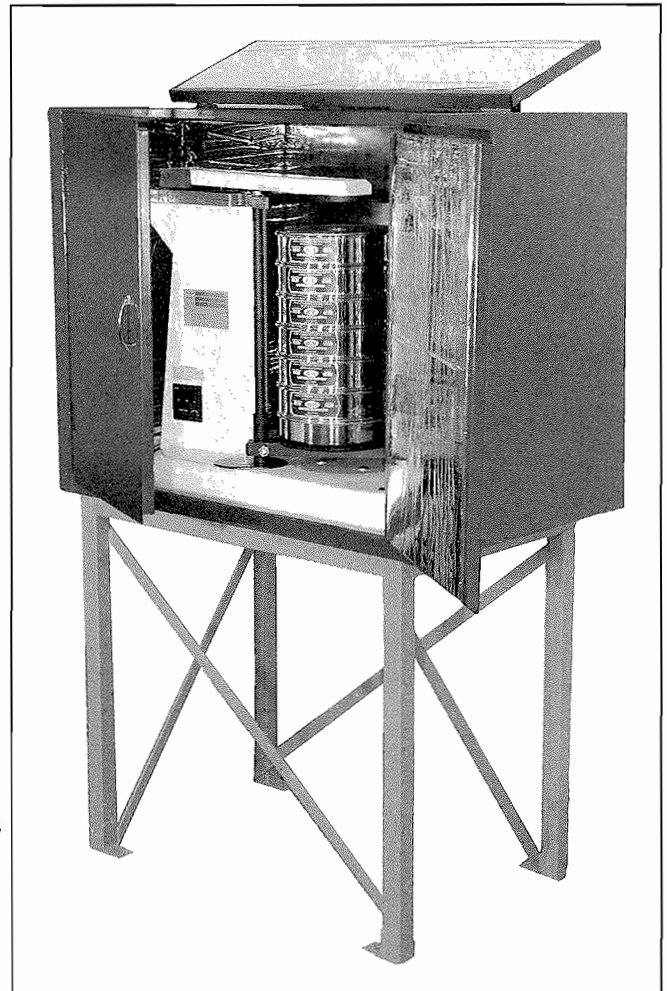
Weight —

R-30050: **Unit:** 102 lbs. (46 kg)
Shipping: 112 lbs. (51 kg)

RX-99 **Unit:** 150 lbs. (68 kg)
Shipping: 160 lbs. (73 kg)

CABINET	FOR MODEL	PRICE (\$)
R-30050	RX-29 & RX-30	
RX-99	RX-94	

PART #	DESCRIPTION	PRICE (\$)
R-10099	Cover Springs w/Ball Stud	
R-10094	Cover Latches	



RO-TAP® TEST STAND

Specifically designed for RX-29 and RX-30 Ro-Tap® Sieve Shakers and RX 812 Coarse Sieve Shaker, the Ro-Tap® Test Stand can be used with or without the Sound Enclosure Cabinet.

- Allows for relatively fast, simple installation and set-up of the Ro-Tap® Sieve Shaker.
- Attractive, sturdy aluminum construction, with anchor brackets for fastening to floor or foundation.
- Allows for optimal use of available laboratory space dedicated to test sieving.

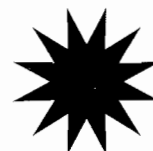
Dimensions —

Unit: 20" wide x 32" deep x 28" high (50cm x 81cm x 71cm)
Shipping: 21" wide x 32" deep x 30" high (15cm x 15cm x 107cm)

Weight —

Unit: 45 lbs. (12 kg)
Shipping: 50 lbs. (13 kg)

PART #	PRICE (\$)
R-40041	



*For more information,
 call 800-321-6188*