

# SIEVE SHAKERS

## INCLYNO 2 SIEVE SHAKER



## OVERVIEW

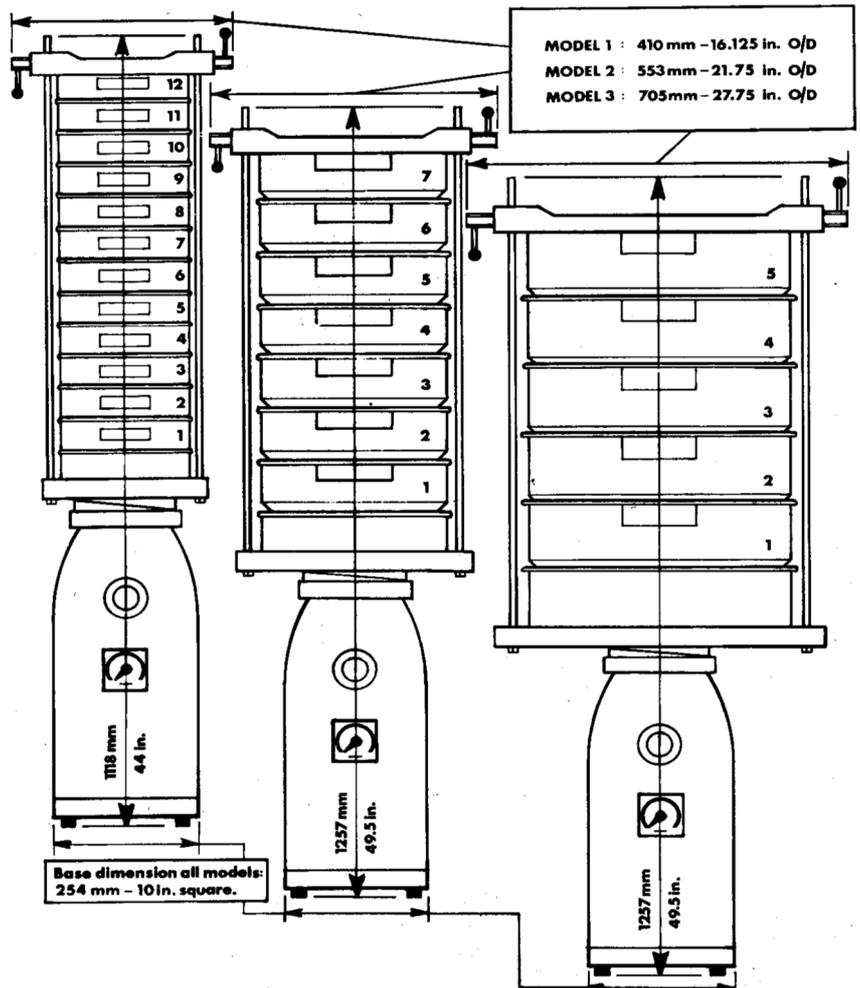
Heavy duty floor mounted sieve shaker fitted with a digital timer.

It is essential that the maximum sieving area is available at all times to allow particles to pass through the apertures. To provide this, the shaker uses two essential movements; gyratory and jolting, to spread the test material over the entire surface and breaking down any agglomerates in the powder, eventually clearing the sieve apertures. The Pascall Inclyno Sieve Shaker with its double gyratory and jolting action is noted for the accuracy of the sieve analysis of powdered material. The Inclyno has become a standard unit in many Testing Stations, Government Laboratories and Research Associations due to the reliable and consistent results obtained. Indeed, the particle size is often specified to an analysis determined by an Inclyno.

The table of the Inclyno on which the sieves are clamped is always inclined to the axis of the machine. The table does not rotate but moves in a gyratory motion. This movement spreads the material over the entire surface area of the mesh of each sieve in turn. The movement is limited to the surface area of the mesh and the powder is not thrown high against the inner walls of the sieves.

At the same time the table of the Inclyno lifts and falls over a short distance at a frequency of approx. 300 jolts per minute, and the simultaneous action of both movements presents the particles of the test material at all possible angles and each particle is given the optimum chance of passing through the apertures of the sieve. All models are fitted with a quick release sieve clamping mechanism which securely locks the nest of sieves in place. The Inclyno is operated by a 180W motor and supplied complete with an electronic timer switch which allows the unit to be used over a pre-determined period from 0-99 minutes. Shakers available in 230 or 110 volt.

Powdered materials such as aggregates, carbides, chemicals, coal, diamonds, metal powders, minerals, pharmaceuticals, ores, pigments etc, invariably are supplied subject to whether or not the particle size is within a specified range or a permissible maximum or minimum tolerance in terms of percentage retained on or passing through a sieve or series of recognised international standards.



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## MACHINES

**Model 1**



**Model 2**



**Model 3**



Model	100 mm or 3"	200 mm or 8"	300 mm or 12"	450 mm or 18"
Model 1	15	12	-	-
Model 2	-	14	7	-
Model 3	-	14	7	5

Part code	Description	Weight (kg)
<b>SISHINC1</b>	Model 1: Heavy duty floor mounted shaker to accept 12x200mm (8") or 15x100mm (4") diameter sieves.	69
<b>SISHINC2</b>	Model 2: Heavy duty floor mounted shaker to accept 12x200mm (8" diameter) or 7x300mm (12" diameter) sieves.	74
<b>SISHINC3</b>	Model 3: Heavy duty floor mounted shaker to accept 14x200mm (8") or 7x300mm (12") or 5x450mm (18") sieves	79

**FOR REPAIRS, OUR MAINTENANCE SERVICE OR SPARES FOR THIS MACHINE, PLEASE CONTACT THE SALES TEAM.**

# SIEVES

## OVERVIEW

Test sieves need to be of good quality as particle sizes are an important element of many test procedures. We manufacture our own Capco test sieves, and for those of you who are familiar with Endecott sieves, we still supply those too if you so wish. Diameters stocked are 200mm and 300mm. Imperial sizes, 100mm and 450mm diameter are available to order.

Standards  
BS 410  
EN 933-2  
ISO 565  
ISO 3310-1  
ISO 3310-2

