SIEVE

Code : S



- Test sieves are essential instruments for determining the particle size distribution of fine and coarse materials, such as aggregates and soils, for particles larger than 63 µm (For particles smaller than 63 µm, Hydrometer Test (T251) is recommended).
- They are utilized to assess compliance with applicable specifications and to provide necessary data for controlling the production of various aggregate products and mixtures containing aggregates.
- The sieves are constructed with woven wire or perforated plates, with both the mesh and frame made of stainless steel to ensure durability and resistance to corrosion.
- Each sieve is clearly labeled with its aperture size for easy identification and is designed to nest perfectly with others of the same diameter, facilitating efficient stacking and storage.
- Available in two standard diameters (200 mm and 300 mm) to accommodate various testing requirements.

STANDARDS

ASTM E11 • ASTM E232 • ISO 3310-1 • ISO 3310-2

TECHNICAL SPECIFICATIONS

- Frame Material: Stainless steel
- Mesh Material: Stainless steel woven wire or perforated plate
- Diameter Options: 200 mm and 300 mm
- Aperture Sizes: Range from 0.063 mm to 125 mm, clearly labeled on each sieve
- Nesting Capability: Designed for secure stacking with sieves of the same diameter

ACCESSORIES

- PC Software (ALFA Utilities - Particle Size Analysis):
  - Draw Particle Size Distribution Curve
  - Coefficient of Uniformity (Cu) and Coefficient of Curvature (Cc) which can be directly used in Soil Classification
  - Plot Upper and Lower limits for the curve
  - Unlimited Save / Recall Old Curve Data
  - Export Data to PDF, Image, CSV, Excel, Text File
  - ALFA Cloud ® Compatible
- ALFA Cloud ® Subscription

ORDERING INFORMATION

Item	Code
SIEVE SET - Concrete	S2XSET02Y
SIEVE SET - Soil	S2XSET03Y

SIEVE SET - Asphalt	S2XSET01Y
PAN & COVER - Ø 200 mm	S2XXP003Y
COVER (Lid) - Ø 200 mm	S2XXP001Y
PAN (Receiver)- Ø 200 mm	S2XXP002Y
SIEVE (Woven Wire), Ø 200 mm , 0.063 mm (No.230)	S2W00063Y
SIEVE (Woven Wire), Ø 200 mm , 0.075 mm (No.200)	S2W00075Y
SIEVE (Woven Wire), Ø 200 mm , 0.080 mm	S2W00080Y
SIEVE (Woven Wire), Ø 200 mm , 0.090 mm (No.170)	S2W00090Y
SIEVE (Woven Wire), Ø 200 mm , 0.100 mm	S2W00100Y
SIEVE (Woven Wire), Ø 200 mm , 0.106 mm (No.140)	S2W00106Y
SIEVE (Woven Wire), Ø 200 mm , 0.125 mm (No.120)	S2W00125Y
SIEVE (Woven Wire), Ø 200 mm , 0.150 mm (No.100)	S2W00150Y
SIEVE (Woven Wire), Ø 200 mm , 0.160 mm	S2W00160Y
SIEVE (Woven Wire), Ø 200 mm , 0.180 mm (No.80)	S2W00180Y
SIEVE (Woven Wire), Ø 200 mm , 0.200 mm	S2W00200Y
SIEVE (Woven Wire), Ø 200 mm , 0.212 mm (No.70)	S2W00212Y
SIEVE (Woven Wire), Ø 200 mm , 0.250 mm (No.60)	S2W00250Y
SIEVE (Woven Wire), Ø 200 mm , 0.300 mm (No.50)	S2W00300Y
SIEVE (Woven Wire), Ø 200 mm , 0.315 mm	S2W00315Y
SIEVE (Woven Wire), Ø 200 mm , 0.355 mm (No.45)	S2W00355Y
SIEVE (Woven Wire), Ø 200 mm , 0.400 mm	S2W00400Y
SIEVE (Woven Wire), Ø 200 mm , 0.425 mm (No.40)	S2W00425Y
SIEVE (Woven Wire), Ø 200 mm , 0.500 mm (No.35)	S2W00500Y
SIEVE (Woven Wire), Ø 200 mm , 0.600 mm (No.30)	S2W00600Y
SIEVE (Woven Wire), Ø 200 mm , 0.630 mm	S2W00630Y

SIEVE (Woven Wire), Ø 200 mm , 0.710 mm (No.25)	S2W00710Y
SIEVE (Woven Wire), Ø 200 mm , 0.800 mm	S2W00800Y
SIEVE (Woven Wire), Ø 200 mm , 0.850 mm (No.20)	S2W00850Y
SIEVE (Woven Wire), Ø 200 mm , 1.00 mm (No.18)	S2W01000Y
SIEVE (Woven Wire), Ø 200 mm , 1.18 mm (No.16)	S2W01180Y
SIEVE (Woven Wire), Ø 200 mm , 1.25 mm	S2W01250Y
SIEVE (Woven Wire), Ø 200 mm , 1.40 mm (No.14)	S2W01400Y
SIEVE (Woven Wire), Ø 200 mm , 1.60 mm	S2W01600Y
SIEVE (Woven Wire), Ø 200 mm , 1.70 mm (No.12)	S2W01700Y
SIEVE (Woven Wire), Ø 200 mm , 2.00 mm (No.10)	S2W02000Y
SIEVE (Woven Wire), Ø 200 mm , 2.36 mm (No.8)	S2W02360Y
SIEVE (Woven Wire), Ø 200 mm , 2.50 mm	S2W02500Y
SIEVE (Woven Wire), Ø 200 mm , 2.80 mm	S2W02800Y
SIEVE (Woven Wire), Ø 200 mm , 3.15 mm	S2W03150Y
SIEVE (Woven Wire), Ø 200 mm , 3.35 mm (No.6)	S2W03350Y
SIEVE (Perforated), Ø 200 mm , 4.00 mm (No.5)	S2P04000Y
SIEVE (Perforated), Ø 200 mm , 4.75 mm (No.4)	S2P04750Y
SIEVE (Perforated), Ø 200 mm , 5.00 mm	S2P05000Y
SIEVE (Perforated), Ø 200 mm , 5.60 mm (No.3 1/2)	S2P05600Y
SIEVE (Perforated), Ø 200 mm , 6.30 mm (1/4")	S2P06300Y
SIEVE (Perforated), Ø 200 mm , 6.70 mm (.265")	S2P06700Y
SIEVE (Perforated), Ø 200 mm , 7.10 mm	S2P07100Y
SIEVE (Perforated), Ø 200 mm , 8.00 mm (5/16")	S2P08000Y
SIEVE (Perforated), Ø 200 mm , 9.00 mm	S2P09000Y
SIEVE (Perforated), Ø 200 mm , 9.50 mm (3/8")	S2P09500Y

SIEVE (Perforated), Ø 200 mm , 10.00 mm	S2P10000Y
SIEVE (Perforated), Ø 200 mm , 11.20 mm (7/16")	S2P11200Y
SIEVE (Perforated), Ø 200 mm , 12.50 mm (1/2")	S2P12500Y
SIEVE (Perforated), Ø 200 mm , 13.20 mm (.530")	S2P13200Y
SIEVE (Perforated), Ø 200 mm , 14.00 mm	S2P14000Y
SIEVE (Perforated), Ø 200 mm , 16.00 mm (5/8")	S2P16000Y
SIEVE (Perforated), Ø 200 mm , 18.00 mm	S2P18000Y
SIEVE (Perforated), Ø 200 mm , 19.00 mm (3/4")	S2P19000Y
SIEVE (Perforated), Ø 200 mm , 20.00 mm	S2P20000Y
SIEVE (Perforated), Ø 200 mm , 22.40 mm (7/8")	S2P22400Y
SIEVE (Perforated), Ø 200 mm , 25.00 mm (1")	S2P25000Y
SIEVE (Perforated), Ø 200 mm , 26.50 mm (1.06")	S2P26500Y
SIEVE (Perforated), Ø 200 mm , 28.00 mm	S2P28000Y
SIEVE (Perforated), Ø 200 mm , 31.50 mm (1 1/4")	S2P31500Y
SIEVE (Perforated), Ø 200 mm , 37.50 mm (1 1/2")	S2P37500Y
SIEVE (Perforated), Ø 200 mm , 40.00 mm	S2P40000Y
SIEVE (Perforated), Ø 200 mm , 45.00 mm (1 3/4")	S2P45000Y
SIEVE (Perforated), Ø 200 mm , 50.00 mm (2")	S2P50000Y
SIEVE (Perforated), Ø 200 mm , 53.00 mm (2.12")	S2P53000Y
SIEVE (Perforated), Ø 200 mm , 56.00 mm	S2P56000Y
SIEVE (Perforated), Ø 200 mm , 63.00 mm (2 1/2")	S2P63000Y
SIEVE (Perforated), Ø 200 mm , 75.00 mm (3")	S2P75000Y
SIEVE (Perforated), Ø 200 mm , 80.00 mm	S2P80000Y
SIEVE (Perforated), Ø 200 mm , 90.00 mm (3 1/2")	S2P90000Y
SIEVE (Perforated), Ø 200 mm , 100.00 mm	S2P0100KY

SIEVE (Perforated), Ø 200 mm , 125.00 mm	S2P0125KY
WET SIEVING APPARATUS - Ø 200 mm	S2TXP001Y
WASHING SIEVE , Ø 200 mm , 0.063 mm	S2T00063Y
WASHING SIEVE , Ø 200 mm , 0.075 mm	S2T00075Y
SIEVE SET - Concrete	S3XSET02Y
SIEVE SET - Soil	S3XSET03Y
SIEVE SET - Asphalt	S3XSET01Y
SUPER PAVE SIEVE SET (300 mm)	S3XSET04Y
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COVER (Lid) - Ø 300 mm	S3XXP001Y
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