

Firma
MULTISERW

Your Partner! Your Advisor!



TEST SIEVES AND SHAKERS



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History

MULTISERW-Morek is a manufacturer of inspection and measurement equipment to test the properties of road building materials, as well as moulding and core sands. The company is based in Marcyioreba, Małopolska Province, Poland.

All the leading road-building and metal-casting companies in Poland rely on MULTISERW-Morek equipment. Operating in its current form since 5 December 1998, the company continues the business of MULTISERW partnership. The manufacturing business in the control and measurement industry has its origins in the Foundry Research Institute in Cracow – then state-owned enterprise “WADAP” Wadowice – where both founders of MULTISERW s.c. used to be employed. Due to the economic transition in Poland the state-owned organisation was closed down in 1990. Then, an opportunity arose to carry on WADAP’s activity. When MULTISERW s.c. was established on 12 September 1991, nobody could even imagine how big it would grow. The initial business idea was only to provide maintenance service for WADAP equipment. But in the course of time, the demands of the market proved to extend much beyond minor repair and approval of the test equipment. As the need for new equipment increased, cooperation agreements were made with the Cracow-based Foundry Research Institute and Academy of Mining and Metallurgy. Those institutions provide scientific support for the company’s activity.

Quality

Owing to the hard work and consistent efforts of all our staff, MULTISERW-Morek may boast many awards, diplomas or medals from major international fairs. MULTISERW-Morek's latest achievement is the GRAND PRIX of GEOLOGIA 2012 International Fairs, Warsaw, for the Electrical Density Gauge (EDG).

Notably, MULTISERW-Morek, small-sized as it is, counts among the few business of its kind in Poland. Requirements imposed by the modern industry and possibilities of using the latest achievements of measurement technology encourage further development and improvements of the manufacturing process. MULTISERW-Morek's testing equipment is used both at industrial laboratories and at research centres. Our devices are marked by high quality as confirmed by their users. To ensure top quality of our products, we have put in place the Quality Management Systems ISO 9001 and ISO 14001. Mission statement and Integrated Management System policy are available at www.multiserw-morek.pl



Maintenance service

MULTISERW-Morek adheres to the rule: “Responsibility is our top priority. We never leave our Customers alone with their problems”. Each customer remains important for us even after the equipment is sold and installed at their lab. Therefore, we provide our maintenance services both in-house and at the customer's site, all across Poland, EU and beyond.

Our staff of engineers and technicians offer professional support in solving technical issues. Their skills are enhanced through extensive maintenance training provided by equipment manufacturers and software developers. Constant improvement is a priority for each member of our customer service team. Owing to our skilled staff and technical capacity, we are prepared to deliver a full range of maintenance service for the equipment we sell. To ensure a fast repair and maintain the continuity of operation, we keep a large resource of replacement parts and substitute devices. **Our maintenance service is tailored to customers' expectations!**

Test sieves

MULTISERW-Morek is a leading manufacturer of analytic sieves used in quality control labs worldwide. All sieves are manufactured to national and international specifications, hold declaration of conformity and individual serial numbers to ensure full traceability.

Analytical sieves are inspected in accordance with the procedures listed in Clause 5.2 of PN-ISO 3310. Each sieve is manufactured in line with the most stringent quality assurance procedures using high-end materials. Woven mesh is checked during the manufacturing process by optical projection or highly sophisticated computer scanning techniques.

Precise measurement of the sieve aperture and the sieve frame dimensions ensures that our exacting standards are met and only then do we issue the declaration of conformity.

As a test sieve manufacturer, MULTISERW-Morek also provides compliance assessment and PCA calibration services (ILAC-MRA) confirming compliance of our sieves with the PN-ISO 3310-1 and PN-ISO 3310-2 standards.



MULTISERW-Morek manufactures a wide range of test sieves. Our offer embraces both precise woven wire and perforated plate sieves to supply the needs of many industries.

These are available with diameters of 100 (on request), 200, 300 and 400 mm. The sieve aperture sizes range from 125 mm to 0.020 mm for square holes and from 125 mm to 1 mm for round holes. Our sieves may be supplied in plastic frames (only for the diameter of 200 mm) or in stainless Ak alloy. All of them are manufactured to the highest standards to ensure high quality and testing accuracy.

Available accessories include sieve lids for dry and wet sieving application, receivers for wet and dry sieving, plastic or stainless Ak alloy frames, ultrasonic cleaners to wash test sieves, sample dividers and many other accessories useful for sieving analysis.



Sieve dimension tables



Stainless wire cloth sieves PN-ISO 3310-1 / ASTM E11 compliant

Aperture size	Ø200 mm x 25 mm	Ø200 mm x 25 mm	Ø200 mm x 25 mm	Ø200 mm x 50 mm	Ø200 mm x 50 mm	Ø200 mm x 50 mm	Ø300 mm x 50 mm	Ø400 mm x 60 mm
-----	Plastic frame	Ak alloy frame	Ak HB* alloy frame	Plastic frame	Ak alloy frame	Ak HB* alloy frame	Ak alloy frame	Ak alloy frame
3,55 mm	2s-3/3,55/25	2s-3/AL/3,55/25	199,5/3,55/25	2s-3/3,55/50	2s-3/AL/3,55/50	199,5/3,55/50	3s-3/3,55/50	4s-3/3,55/50
3,35 mm (No. 6)	2s-3/3,35/25	2s-3/AL/3,35/25	199,5/3,35/25	2s-3/3,35/50	2s-3/AL/3,35/50	199,5/3,35/50	3s-3/3,35/50	4s-3/3,35/50
3,15 mm	2s-3/3,15/25	2s-3/AL/3,15/25	199,5/3,15/25	2s-3/3,15/50	2s-3/AL/3,15/50	199,5/3,15/50	3s-3/3,15/50	4s-3/3,15/50
3,00 mm**	2s-3/3,00/25	2s-3/AL/3,00/25	199,5/3,00/25	2s-3/3,00/50	2s-3/AL/3,00/50	199,5/3,00/50	3s-3/3,00/50	4s-3/3,00/50
2,8 mm (No. 7)	2s-3/2,80/25	2s-3/AL/2,80/25	199,5/2,80/25	2s-3/2,80/50	2s-3/AL/2,80/50	199,5/2,80/50	3s-3/2,80/50	4s-3/2,80/50
2,5 mm	2s-3/2,50/25	2s-3/AL/2,50/25	199,5/2,50/25	2s-3/2,50/50	2s-3/AL/2,50/50	199,5/2,50/50	3s-3/2,50/50	4s-3/2,50/50
2,36 mm (No. 8)	2s-3/2,36/25	2s-3/AL/2,36/25	199,5/2,36/25	2s-3/2,36/50	2s-3/AL/2,36/50	199,5/2,36/50	3s-3/2,36/50	4s-3/2,36/50
2,24 mm	2s-3/2,24/25	2s-3/AL/2,24/25	199,5/2,24/25	2s-3/2,24/50	2s-3/AL/2,24/50	199,5/2,24/50	3s-3/2,24/50	4s-3/2,24/50
2 mm (No.10)	2s-3/2,00/25	2s-3/AL/2,00/25	199,5/2,00/25	2s-3/2,00/50	2s-3/AL/2,00/50	199,5/2,00/50	3s-3/2,00/50	4s-3/2,00/50
1,80 mm	2s-3/1,80/25	2s-3/AL/1,80/25	199,5/1,80/25	2s-3/1,80/50	2s-3/AL/1,80/50	199,5/1,80/50	3s-3/1,80/50	4s-3/1,80/50
1,7 mm (No. 12)	2s-3/1,70/25	2s-3/AL/1,70/25	199,5/1,70/25	2s-3/1,70/50	2s-3/AL/1,70/50	199,5/1,70/50	3s-3/1,70/50	4s-3/1,70/50
1,6 mm	2s-3/1,60/25	2s-3/AL/1,60/25	199,5/1,60/25	2s-3/1,60/50	2s-3/AL/1,60/50	199,5/1,60/50	3s-3/1,60/50	4s-3/1,60/50
1,4 mm (No. 14)	2s-3/1,50/25	2s-3/AL/1,50/25	199,5/1,50/25	2s-3/1,50/50	2s-3/AL/1,50/50	199,5/1,50/50	3s-3/1,50/50	4s-3/1,50/50
1,25 mm	2s-3/1,25/25	2s-3/AL/1,25/25	199,5/1,25/25	2s-3/1,25/50	2s-3/AL/1,25/50	199,5/1,25/50	3s-3/1,25/50	4s-3/1,25/50
1,18 mm (No.16)	2s-3/1,18/25	2s-3/AL/1,18/25	199,5/1,18/25	2s-3/1,18/50	2s-3/AL/1,18/50	199,5/1,18/50	3s-3/1,18/50	4s-3/1,18/50
1 mm (No. 18)	2s-3/1,00/25	2s-3/AL/1,00/25	199,5/1,00/25	2s-3/1,00/50	2s-3/AL/1,00/50	199,5/1,00/50	3s-3/1,00/50	4s-3/1,00/50
900 µm	2s-2/0,900/25	2s-2/AL/0,900/25	199,5/0,900/25	2s-2/0,900/50	2s-2/AL/0,900/50	199,5/0,900/50	3s-2/0,900/50	4s-2/0,900/50
850 µm (No. 20)	2s-2/0,850/25	2s-2/AL/0,850/25	199,5/0,850/25	2s-2/0,850/50	2s-2/AL/0,850/50	199,5/0,850/50	3s-2/0,850/50	4s-2/0,850/50
800 µm	2s-2/0,800/25	2s-2/AL/0,800/25	199,5/0,800/25	2s-2/0,800/50	2s-2/AL/0,800/50	199,5/0,800/50	3s-2/0,800/50	4s-2/0,800/50
710 µm (No. 25)	2s-2/0,710/25	2s-2/AL/0,710/25	199,5/0,710/25	2s-2/0,710/50	2s-2/AL/0,710/50	199,5/0,710/50	3s-2/0,710/50	4s-2/0,710/50
630 µm	2s-2/0,630/25	2s-2/AL/0,630/25	199,5/0,630/25	2s-2/0,630/50	2s-2/AL/0,630/50	199,5/0,630/50	3s-2/0,630/50	4s-2/0,630/50
600 µm (No. 30)	2s-2/0,600/25	2s-2/AL/0,600/25	199,5/0,600/25	2s-2/0,600/50	2s-2/AL/0,600/50	199,5/0,600/50	3s-2/0,600/50	4s-2/0,600/50
500 µm (No. 35)	2s-2/0,500/25	2s-2/AL/0,500/25	199,5/0,500/25	2s-2/0,500/50	2s-2/AL/0,500/50	199,5/0,500/50	3s-2/0,500/50	4s-2/0,500/50
425 µm (No. 40)	2s-2/0,425/25	2s-2/AL/0,425/25	199,5/0,425/25	2s-2/0,425/50	2s-2/AL/0,425/50	199,5/0,425/50	3s-2/0,425/50	4s-2/0,425/50
400 µm	2s-2/0,400/25	2s-2/AL/0,400/25	199,5/0,400/25	2s-2/0,400/50	2s-2/AL/0,400/50	199,5/0,400/50	3s-2/0,400/50	4s-2/0,400/50
355 µm (No. 45)	2s-2/0,355/25	2s-2/AL/0,355/25	199,5/0,355/25	2s-2/0,355/50	2s-2/AL/0,355/50	199,5/0,355/50	3s-2/0,355/50	4s-2/0,355/50
315 µm	2s-2/0,325/25	2s-2/AL/0,325/25	199,5/0,325/25	2s-2/0,325/50	2s-2/AL/0,325/50	199,5/0,325/50	3s-2/0,325/50	4s-2/0,325/50
300 µm (No. 50)	2s-2/0,300/25	2s-2/AL/0,300/25	199,5/0,300/25	2s-2/0,300/50	2s-2/AL/0,300/50	199,5/0,300/50	3s-2/0,300/50	4s-2/0,300/50
250 µm (No. 60)	2s-2/0,250/25	2s-2/AL/0,250/25	199,5/0,250/25	2s-2/0,250/50	2s-2/AL/0,250/50	199,5/0,250/50	3s-2/0,250/50	4s-2/0,250/50
212 µm (No. 70)	2s-2/0,212/25	2s-2/AL/0,212/25	199,5/0,212/25	2s-2/0,212/50	2s-2/AL/0,212/50	199,5/0,212/50	3s-2/0,212/50	4s-2/0,212/50
200 µm	2s-2/0,200/25	2s-2/AL/0,200/25	199,5/0,200/25	2s-2/0,200/50	2s-2/AL/0,200/50	199,5/0,200/50	3s-2/0,200/50	4s-2/0,200/50
180 µm (No. 80)	2s-2/0,180/25	2s-2/AL/0,180/25	199,5/0,180/25	2s-2/0,180/50	2s-2/AL/0,180/50	199,5/0,180/50	3s-2/0,180/50	4s-2/0,180/50
160 µm	2s-2/0,160/25	2s-2/AL/0,160/25	199,5/0,160/25	2s-2/0,160/50	2s-2/AL/0,160/50	199,5/0,160/50	3s-2/0,160/50	4s-2/0,160/50
150 µm (No. 100)	2s-2/0,150/25	2s-2/AL/0,150/25	199,5/0,150/25	2s-2/0,150/50	2s-2/AL/0,150/50	199,5/0,150/50	3s-2/0,150/50	4s-2/0,150/50
125 µm (No. 120)	2s-2/0,125/25	2s-2/AL/0,125/25	199,5/0,125/25	2s-2/0,125/50	2s-2/AL/0,125/50	199,5/0,125/50	3s-2/0,125/50	4s-2/0,125/50
106 µm (No. 140)	2s-2/0,106/25	2s-2/AL/0,106/25	199,5/0,106/25	2s-2/0,106/50	2s-2/AL/0,106/50	199,5/0,106/50	3s-2/0,106/50	4s-2/0,106/50
100 µm	2s-2/0,100/25	2s-2/AL/0,100/25	199,5/0,100/25	2s-2/0,100/50	2s-2/AL/0,100/50	199,5/0,100/50	3s-2/0,100/50	4s-2/0,100/50
90 µm (No. 170)	2s-2/0,090/25	2s-2/AL/0,090/25	199,5/0,090/25	2s-2/0,090/50	2s-2/AL/0,090/50	199,5/0,090/50	3s-2/0,090/50	4s-2/0,090/50
80 µm	2s-2/0,080/25	2s-2/AL/0,080/25	199,5/0,080/25	2s-2/0,080/50	2s-2/AL/0,080/50	199,5/0,080/50	3s-2/0,080/50	4s-2/0,080/50
75 µm (No. 200)	2s-1/0,075/25	2s-1/AL/0,075/25	199,5/0,075/25	2s-1/0,075/50	2s-1/AL/0,075/50	199,5/0,075/50	3s-1/0,075/50	4s-1/0,075/50
63 µm (No. 230)	2s-1/0,063/25	2s-1/AL/0,063/25	199,5/0,063/25	2s-1/0,063/50	2s-1/AL/0,063/50	199,5/0,063/50	3s-1/0,063/50	4s-1/0,063/50
53 µm (No. 270)	2s-1/0,053/25	2s-1/AL/0,053/25	199,5/0,053/25	2s-1/0,053/50	2s-1/AL/0,053/50	199,5/0,053/50	3s-1/0,053/50	4s-1/0,053/50
50 µm	2s-1/0,050/25	2s-1/AL/0,050/25	199,5/0,050/25	2s-1/0,050/50	2s-1/AL/0,050/50	199,5/0,050/50	3s-1/0,050/50	4s-1/0,050/50
45 µm (No. 325)	2s-1/0,045/25	2s-1/AL/0,045/25	199,5/0,045/25	2s-1/0,045/50	2s-1/AL/0,045/50	199,5/0,045/50	3s-1/0,045/50	4s-1/0,045/50
40 µm	2s-1/0,040/25	2s-1/AL/0,040/25	199,5/0,040/25	2s-1/0,040/50	2s-1/AL/0,040/50	199,5/0,040/50	3s-1/0,040/50	4s-1/0,040/50
38 µm (No. 400)	2s-0/0,038/25	2s-0/AL/0,038/25	199,5/0,038/25	2s-0/0,038/50	2s-0/AL/0,038/50	199,5/0,038/50	3s-0/0,038/50	4s-0/0,038/50
32 µm	2s-0/0,032/25	2s-0/AL/0,032/25	199,5/0,032/25	2s-0/0,032/50	2s-0/AL/0,032/50	199,5/0,032/50	3s-0/0,032/50	4s-0/0,032/50
25 µm	2s-0/0,025/25	2s-0/AL/0,025/25	199,5/0,025/25	2s-0/0,025/50	2s-0/AL/0,025/50	199,5/0,025/50	3s-0/0,025/50	4s-0/0,025/50
20 µm	2s-0/0,020/25	2s-0/AL/0,020/25	199,5/0,020/25	2s-0/0,020/50	2s-0/AL/0,020/50	199,5/0,020/50	3s-0/0,020/50	4s-0/0,020/50

* sieve diameter compatible with sieves of other manufacturers: Retsch, Fritsch, Haver&Boecker
** compliant with Polish technical standard

Test sieves with a stainless perforated plate PN-ISO 3310-2 / ASTM E11 compliant								
Aperture size	Ø200 mm x 25 mm	Ø200 mm x 25 mm	Ø200 mm x 25 mm	Ø200 mm x 50 mm	Ø200 mm x 50 mm	Ø200 mm x 50 mm	Ø300 mm x 50 mm	Ø400 mm x 60 mm
-----	Plastic frame	Ak alloy frame	Ak HB* alloy frame	Plastic frame	Ak alloy frame	Ak HB* alloy frame	Ak alloy frame	Ak alloy frame
125 mm	2s-4/125,0/25	2s-4/AL/125,0/25	199,5/125,0/25	2s-4/125,0/50	2s-4/AL/125,0/50	199,5/125,0/50	3s-4/125,0/50	4s-4/125,0/50
106 mm	2s-4/106,0/25	2s-4/AL/106,0/25	199,5/106,0/25	2s-4/106,0/50	2s-4/AL/106,0/50	199,5/106,0/50	3s-4/106,0/50	4s-4/106,0/50
100 mm (4")	2s-4/100,0/25	2s-4/AL/100,0/25	199,5/100,0/25	2s-4/100,0/50	2s-4/AL/100,0/50	199,5/100,0/50	3s-4/100,0/50	4s-4/100,0/50
90 mm (3-1/2")	2s-4/90,00/25	2s-4/AL/90,00/25	199,5/90,00/25	2s-4/90,00/50	2s-4/AL/90,00/50	199,5/90,00/50	3s-4/90,00/50	4s-4/90,00/50
80 mm	2s-4/80,00/25	2s-4/AL/80,00/25	199,5/80,00/25	2s-4/80,00/50	2s-4/AL/80,00/50	199,5/80,00/50	3s-4/80,00/50	4s-4/80,00/50
75 mm (3")	2s-4/75,00/25	2s-4/AL/75,00/25	199,5/75,00/25	2s-4/75,00/50	2s-4/AL/75,00/50	199,5/75,00/50	3s-4/75,00/50	4s-4/75,00/50
63 mm (2-1/2")	2s-4/63,00/25	2s-4/AL/63,00/25	199,5/63,00/25	2s-4/63,00/50	2s-4/AL/63,00/50	199,5/63,00/50	3s-4/63,00/50	4s-4/63,00/50
56 mm	2s-4/56,00/25	2s-4/AL/56,00/25	199,5/56,00/25	2s-4/56,00/50	2s-4/AL/56,00/50	199,5/56,00/50	3s-4/56,00/50	4s-4/56,00/50
53 mm (2.12")	2s-4/53,00/25	2s-4/AL/53,00/25	199,5/53,00/25	2s-4/53,00/50	2s-4/AL/53,00/50	199,5/53,00/50	3s-4/53,00/50	4s-4/53,00/50
50 mm (2")	2s-4/50,00/25	2s-4/AL/50,00/25	199,5/50,00/25	2s-4/50,00/50	2s-4/AL/50,00/50	199,5/50,00/50	3s-4/50,00/50	4s-4/50,00/50
45 mm (1-3/4")	2s-4/45,00/25	2s-4/AL/45,00/25	199,5/45,00/25	2s-4/45,00/50	2s-4/AL/45,00/50	199,5/45,00/50	3s-4/45,00/50	4s-4/45,00/50
40 mm	2s-4/40,00/25	2s-4/AL/40,00/25	199,5/40,00/25	2s-4/40,00/50	2s-4/AL/40,00/50	199,5/40,00/50	3s-4/40,00/50	4s-4/40,00/50
37.5 mm (1-1/2")	2s-4/37,50/25	2s-4/AL/37,50/25	199,5/37,50/25	2s-4/37,50/50	2s-4/AL/37,50/50	199,5/37,50/50	3s-4/37,50/50	4s-4/37,50/50
31.5 mm (1-1/4")	2s-4/31,50/25	2s-4/AL/31,50/25	199,5/31,50/25	2s-4/31,50/50	2s-4/AL/31,50/50	199,5/31,50/50	3s-4/31,50/50	4s-4/31,50/50
28 mm	2s-4/28,00/25	2s-4/AL/28,00/25	199,5/28,00/25	2s-4/28,00/50	2s-4/AL/28,00/50	199,5/28,00/50	3s-4/28,00/50	4s-4/28,00/50
26.5 mm (1.06")	2s-4/26,50/25	2s-4/AL/26,50/25	199,5/26,50/25	2s-4/26,50/50	2s-4/AL/26,50/50	199,5/26,50/50	3s-4/26,50/50	4s-4/26,50/50
25 mm (1")	2s-4/25,00/25	2s-4/AL/25,00/25	199,5/25,00/25	2s-4/25,00/50	2s-4/AL/25,00/50	199,5/25,00/50	3s-4/25,00/50	4s-4/25,00/50
22.4 mm (7/8")	2s-4/22,40/25	2s-4/AL/22,40/25	199,5/22,40/25	2s-4/22,40/50	2s-4/AL/22,40/50	199,5/22,40/50	3s-4/22,40/50	4s-4/22,40/50
20 mm	2s-4/20,00/25	2s-4/AL/20,00/25	199,5/20,00/25	2s-4/20,00/50	2s-4/AL/20,00/50	199,5/20,00/50	3s-4/20,00/50	4s-4/20,00/50
19 mm (9/4")	2s-4/19,00/25	2s-4/AL/19,00/25	199,5/19,00/25	2s-4/19,00/50	2s-4/AL/19,00/50	199,5/19,00/50	3s-4/19,00/50	4s-4/19,00/50
18 mm	2s-4/18,00/25	2s-4/AL/18,00/25	199,5/18,00/25	2s-4/18,00/50	2s-4/AL/18,00/50	199,5/18,00/50	3s-4/18,00/50	4s-4/18,00/50
16 mm (5/8")	2s-4/16,00/25	2s-4/AL/16,00/25	199,5/16,00/25	2s-4/16,00/50	2s-4/AL/16,00/50	199,5/16,00/50	3s-4/16,00/50	4s-4/16,00/50
14 mm	2s-4/14,00/25	2s-4/AL/14,00/25	199,5/14,00/25	2s-4/14,00/50	2s-4/AL/14,00/50	199,5/14,00/50	3s-4/14,00/50	4s-4/14,00/50
13.2 mm (.530")	2s-4/13,20/25	2s-4/AL/13,20/25	199,5/13,20/25	2s-4/13,20/50	2s-4/AL/13,20/50	199,5/13,20/50	3s-4/13,20/50	4s-4/13,20/50
12.8 mm	2s-4/12,80/25	2s-4/AL/12,80/25	199,5/12,80/25	2s-4/12,80/50	2s-4/AL/12,80/50	199,5/12,80/50	3s-4/12,80/50	4s-4/12,80/50
12.5 mm (1 1/2")	2s-4/12,50/25	2s-4/AL/12,50/25	199,5/12,50/25	2s-4/12,50/50	2s-4/AL/12,50/50	199,5/12,50/50	3s-4/12,50/50	4s-4/12,50/50
11.2 mm (7/16")	2s-4/11,20/25	2s-4/AL/11,20/25	199,5/11,20/25	2s-4/11,20/50	2s-4/AL/11,20/50	199,5/11,20/50	3s-4/11,20/50	4s-4/11,20/50
11 mm	2s-4/11,00/25	2s-4/AL/11,00/25	199,5/11,00/25	2s-4/11,00/50	2s-4/AL/11,00/50	199,5/11,00/50	3s-4/11,00/50	4s-4/11,00/50
10 mm	2s-4/10,00/25	2s-4/AL/10,00/25	199,5/10,00/25	2s-4/10,00/50	2s-4/AL/10,00/50	199,5/10,00/50	3s-4/10,00/50	4s-4/10,00/50
9.5 mm (3/8")	2s-4/9,50/25	2s-4/AL/9,50/25	199,5/9,50/25	2s-4/9,50/50	2s-4/AL/9,50/50	199,5/9,50/50	3s-4/9,50/50	4s-4/9,50/50
9 mm	2s-4/9,00/25	2s-4/AL/9,00/25	199,5/9,00/25	2s-4/9,00/50	2s-4/AL/9,00/50	199,5/9,00/50	3s-4/9,00/50	4s-4/9,00/50
8 mm (5/16")	2s-4/8,00/25	2s-4/AL/8,00/25	199,5/8,00/25	2s-4/8,00/50	2s-4/AL/8,00/50	199,5/8,00/50	3s-4/8,00/50	4s-4/8,00/50
7.1 mm	2s-4/7,10/25	2s-4/AL/7,10/25	199,5/7,10/25	2s-4/7,10/50	2s-4/AL/7,10/50	199,5/7,10/50	3s-4/7,10/50	4s-4/7,10/50
6.7 mm (.265")	2s-4/6,70/25	2s-4/AL/6,70/25	199,5/6,70/25	2s-4/6,70/50	2s-4/AL/6,70/50	199,5/6,70/50	3s-4/6,70/50	4s-4/6,70/50
6.3 mm (1/4")	2s-4/6,30/25	2s-4/AL/6,30/25	199,5/6,30/25	2s-4/6,30/50	2s-4/AL/6,30/50	199,5/6,30/50	3s-4/6,30/50	4s-4/6,30/50
5.6 mm (No. 3-1/2")	2s-4/5,60/25	2s-4/AL/5,60/25	199,5/5,60/25	2s-4/5,60/50	2s-4/AL/5,60/50	199,5/5,60/50	3s-4/5,60/50	4s-4/5,60/50
5 mm	2s-4/5,00/25	2s-4/AL/5,00/25	199,5/5,00/25	2s-4/5,00/50	2s-4/AL/5,00/50	199,5/5,00/50	3s-4/5,00/50	4s-4/5,00/50
4.75 mm (No. 4)	2s-4/4,75/25	2s-4/AL/4,75/25	199,5/4,75/25	2s-4/4,75/50	2s-4/AL/4,75/50	199,5/4,75/50	3s-4/4,75/50	4s-4/4,75/50
4 mm (No. 5)	2s-4/4,00/25	2s-4/AL/4,00/25	199,5/4,00/25	2s-4/4,00/50	2s-4/AL/4,00/50	199,5/4,00/50	3s-4/4,00/50	4s-4/4,00/50

Test sieves for cereal grains PN-ISO 5223 compliant				Grid sieves ISO-3310-1; 933-3 compliant			
Aperture size	Ø200 mm x 50 mm	Ø200 mm x 50 mm	Purpose	Aperture size	Ø300 mm x 50 mm	300x300 mm x 75 mm	
-----	Plastic frame	Ak alloy frame	-----	-----	Ak alloy frame	Aluminium frame	
0,70 x 20,00	PS/0,70x20,00/50	PS/AL/0,70x20,00/50	rapeseed	=50.00mm	P/3s-4/50,00/50	PK/3s-4/50,00/75	
1,00 x 20,00	PS/1,00x20,00/50	PS/AL/1,00x20,00/50	all kinds of grain	=40.00mm	P/3s-4/40,00/50	PK/3s-4/40,00/75	
1,60 x 20,00	PS/1,60x20,00/50	PS/AL/1,60x20,00/50	rye, barley	=31.50mm	P/3s-4/31,50/50	PK/3s-4/31,50/75	
1,70 x 20,00	PS/1,70x20,00/50	PS/AL/1,70x20,00/50	triticale, common wheat	=25.00mm	P/3s-4/25,00/50	PK/3s-4/25,00/75	
1,80 x 20,00	PS/1,80x20,00/50	PS/AL/1,80x20,00/50	wheat	=20.00mm	P/3s-4/20,00/50	PK/3s-4/20,00/75	
1,80 x 25,00	PS/1,80x25,00/50	PS/AL/1,80x25,00/50	oats	=16.00mm	P/3s-4/16,00/50	PK/3s-4/16,00/75	
1,90 x 20,00	PS/1,90x20,00/50	PS/AL/1,90x20,00/50	durum wheat	=12.50mm	P/3s-4/12,50/50	PK/3s-4/12,50/75	
2,00 x 20,00	PS/2,00x20,00/50	PS/AL/2,00x20,00/50	wheat	=10.00mm	P/3s-4/10,00/50	PK/3s-4/10,00/75	
2,20 x 20,00	PS/2,20x20,00/50	PS/AL/2,20x20,00/50	barley	=8.00mm	P/3s-4/8,00/50	PK/3s-4/8,00/75	
2,20 x 25,00	PS/2,20x25,00/50	PS/AL/2,20x25,00/50	malting barley	=7.20mm	P/3s-4/7,20/50	PK/3s-4/7,20/75	
2,50 x 20,00	PS/2,50x20,00/50	PS/AL/2,50x20,00/50	wheat	=6.30mm	P/3s-4/6,30/50	PK/3s-4/6,30/75	
2,50 x 25,00	PS/2,50x25,00/50	PS/AL/2,50x25,00/50	malting barley	=5.00mm	P/3s-4/5,00/50	PK/3s-4/5,00/75	
2,80 x 20,00	PS/2,80x20,00/50	PS/AL/2,80x20,00/50	wheat	=4.00mm	P/3s-4/4,00/50	PK/3s-4/4,00/75	
2,80 x 25,00	PS/2,80x25,00/50	PS/AL/2,80x25,00/50	malting barley	=3.15mm	P/3s-3/3,15/50	PK/3s-3/3,15/75	
3,50 x 20,00	PS/3,50x20,00/50	PS/AL/3,50x20,00/50	all kinds of grain	=2.50mm	P/3s-3/2,50/50	PK/3s-3/2,50/75	
4,00 x 25,00	PS/4,00x25,00/50	PS/AL/4,00x25,00/50	oats				
Ø 1,40	P0/1,40/50	P0/AL/1,40/50	rice				
Ø 2,80	P0/2,80/50	P0/AL/2,80/50	rapeseed				
Ø 3,25	P0/3,25/50	P0/AL/3,25/50	buckwheat				
Ø 4,50	P0/4,50/50	P0/AL/4,50/50	corn				
Ø 5,00	P0/5,00/50	P0/AL/5,00/50	buckwheat				

* sieve diameter compatible with sieves of other manufacturers: Retsch, Fritsch, Haver&Boecker



Sieve shakers

LPzE-2e sieve shakers



APPLICATION

LPzE-2e is a sieve shaker with diameter sizes ranging from 199 to 225 mm. The shaker may be used to analyse up to 3 kg of bulk material in dry and wet sieving applications. The smallest of our test sieve shakers powered by a MULTISERW-Morek electromagnetic drive.

Sieving time, interval and vibration amplitude may all be adjusted and saved directly from a control panel to obtain reproducible sieving analysis results.

BENEFITS

- Memory of 10 programmes
- Low noise
- Solid and user-friendly
- Test sieves may easily be changed with adjustable stretching tapes

TECHNICAL CHARACTERISTICS

Sieve working diameter	193 mm
Sieve working height	25 lub 50 mm
Sample weight	0 - 3000 g
Amplitude /vertical and torsion vibration/	0 - 2,5 mm
Vibration frequency - constant	stala - 50 Hz
Operation time - adjustable	0 - 60 min
Weight	25 kg
Power supply	230 V

CATALOGUE REFERENCES

LPzE-2e	Test sieve shaker Ø100 and 200 mm
LPzE-2s-ZM1	sieve lid for dry sieving
LPzE-HB-ZM1	HB sieve lid for dry sieving
LPzE-2s-ZM2	sieve lid for wet sieving
LPzE-HB-ZM2	HB sieve lid for wet sieving
LPzE-2/Zs/25	sieve receiver pan for dry sieving (plastic) - low
LPzE-2/Zs/50	sieve receiver pan for dry sieving (plastic) - high
LPzE-2/Zs/AL/25	sieve receiver pan for dry sieving (Ak) - low
LPzE-2/Zs/AL/50	sieve receiver pan for dry sieving (Ak) - high
199,5/Zs	HB sieve receiver pan for dry sieving (Ak)
LPzE-2/Zm/25	sieve receiver pan for wet sieving (plastic) - low
LPzE-2/Zm/50	sieve receiver pan for wet sieving (plastic) - high
LPzE-2/Zm/AL/25	sieve receiver pan for wet sieving (Ak) - low
LPzE-2/Zm/AL/50	sieve receiver pan for wet sieving (Ak) - high
199,5/Zm	HB sieve receiver pan for dry sieving (Ak)

LPzE-3e sieve shaker



APPLICATION

LPzE-3e is a sieve shaker with diameter sizes ranging from 199 to 305 mm. The shaker may be used to analyse up to 5-8 kg of bulk material in dry and wet sieving applications. Yet another test sieve shaker powered by a MULTISERW-Morek electromagnetic drive.

Sieving time, interval and vibration amplitude may all be adjusted and saved directly from a control panel to obtain reproducible sieving analysis results.

BENEFITS

- Memory of 10 programmes
- Low noise
- Solid and user-friendly
- Test sieves may easily be changed with adjustable stretching tapes

TECHNICAL CHARACTERISTICS

Sieve working diameter	293 mm
Sieve working height	50 mm
Sample weight	5-8 kg
Amplitude /vertical and torsion vibration/	0 - 2,5 mm
Vibration frequency - constant	stala - 50 Hz
Operation time - adjustable	0 - 60 min
Weight	30 kg
Power supply	230 V

CATALOGUE REFERENCES

LPzE-3e	test sieve shaker Ø200 and 300 mm
LPzE-3s-ZM1	sieve lid for dry sieving
LPzE-3s-ZM2	sieve lid for wet sieving
LPzE-3/Zs	sieve receiver pan for dry sieving (Ak)
LPzE-3/Zm	sieve receiver pan for wet sieving (Ak)

LPzE-4e sieve shaker



APPLICATION

LPzE-4e is a sieve shaker with diameter sizes ranging from 199 to 405 mm. The shaker may be used to analyse up to 15 kg of bulk material in dry and wet sieving applications. The largest of our test sieve shakers powered by a MULTISERW-Morek electromagnetic drive.

Sieving time, interval and vibration amplitude may all be adjusted and saved directly from a control panel to obtain reproducible sieving analysis results.

BENEFITS

- Memory of 10 programmes
- Low noise
- Solid and user-friendly
- Test sieves may easily be changed with adjustable stretching tapes

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Sieve working diameter	393 mm
Sieve working height	60 mm
Sample weight	0 - 15 kg
Amplitude /vertical and torsion vibration/	0 - 1,5 mm
Vibration frequency - constant	stala - 50 Hz
Operation time - adjustable	0 - 60 min
Weight	35 kg
Power supply	230 V

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LPzE-4e	sieve shaker Ø200, 300 and 400 mm
LPzE-4s-ZM1	sieve lid for dry sieving
LPzE-4s-ZM2	sieve lid for wet sieving
LPzE-4/Zs	sieve receiver pan for dry sieving (Ak)
LPzE-4/Zm	sieve receiver pan for wet sieving (Ak)

Additional

LPzB-2e sieving machine

APPLICATION

The air jet sieving machine LPzB-2e is suitable, in particular, to sieving lightweight materials with small-sized particles that require dispersion. It is capable of storing ten programmes with any setting parameters: sieving time, interval, set vacuum in kPa, power in %. Automatic vacuum setting ensures repetitive and reliable results. One of the operation modes also allows sieving in adjustable vacuum in the range of 0-100% power capacity.

Modern design, proven air distribution system that uses a rotating nozzle, adjustable vacuum in automatic or manual mode, as well as the possibility of using sieves with a height of 25 mm makes the sieving technology even more excellent.

The equipment complies with:

PN-86/M-94001 Measurements of moulding and core sands. Determination of bentonite grading.

PN-EN 933-10 Tests for geometrical properties of aggregates. Assessment of fines. Grading of filler aggregates (air jet sieving).

TECHNICAL CHARACTERISTICS

Sieve working diameter	193 mm
Sieve working height	25 mm
Sample weight	0 - 100 g
Working pressure - adjustable	0 - 10 kPa
Vibration frequency - constant	stala - 50 Hz
Operation time - adjustable	0 - 60 min
Weight	~10 kg
Dimensions	Ø270x430 mm
Power supply	230 V

CATALOGUE REFERENCES

LPzB-2e	air jet sieving machine Ø200 mm
LPzB-2e-ZM1	filtering lid
LPzB-2e-ZM2	filtering receiver pan

Those sieves need to be ordered as separate items.



Sound absorbing cabinets

APPLICATION

For many years, MULTISERW-Morek has been offering sound absorbing cabinets to reduce the noise generated during the operation of sieve shakers in laboratory settings. Based on our experience, we have developed cabinets that enable noise levels to be reduced by several to tens of dB as compared to operation in open conditions. Steel walls with the thickness of 50 mm are filled with a special sound-absorbing foam. On customer's request, cabin doors may be equipped with an inspection window for on-going monitoring of the sieving process..

CATALOGUE REFERENCES

SzE-2e	dedicated for LPzE-2e and LPzE-3e shakers
SzE-4e	dedicated for LPzE-3e and LPzE-4e shakers

Optional sound absorbing cabinet with customised dimensions



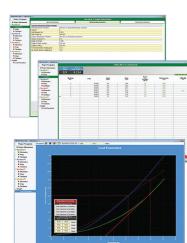
Software

APPLICATION

The MMK software is suitable for labs performing sieving / fraction decomposition analyses. The software serves to facilitate, improve and shorten the duration of tests as much as possible, while enabling to store the results of the tests being made, create test series, and compare and present data in the form of reports and charts.

CATALOGUE REFERENCES

MMK	Sieving analysis software
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OUR OFFER includes:



SOIL

VSS-1P-000
plate bearing test set
100 kN



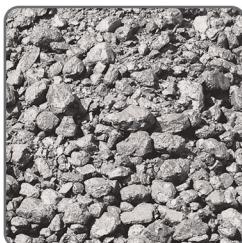
TEST SIEVES SIEVE SHAKERS

compliant with ISO-3310-1; 3310-2



MOULDING AND CORE SAND TESTING EQUIPMENT

LRP device to determine
wet tensile strength



AGGREGATES

Air sieving machine
PN-EN 933-10 compliant



CEMENT

Vicat apparatus
PN-EN 196-3 compliant



CONCRETE

Automatic concrete
compression machine
2000kN and 3000kN
PN-EN 12390-4 compliant



ASPHALT (MMA)

Automatic Marshall compactor
PN-EN 12697-30

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