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Skip to content Highlights Features Models Accessories Standards The test specimen is clamped with an holder and submitted to a test force of 294 +/-3 N. After the abrasive is strew on the disc, the disc starts to rotate with a constant speed for a certain number of cycles (according to Standards). At the end of the test the abrasion effect is measured as the loss in specimen thickness or volume.This machine is used for testing of:natural stones (EN 14157)concrete paving blocks (EN 1338), flags (EN 1339) and kerbs (EN 1340)screed materials (EN 13892-3)terrazzo tiles (EN 13748-2)Note: Testing specimens in wet or water-saturated conditions is not feasible.The machine is equipped with a display control panel that allows the setting of speed and number of cycles. Once the machine is started, it will automatically stop at the end of the set number of cycles programmed on the controls panel.White carborundum abrasive sand and measuring device of sample thickness reduction have to be ordered separately.The measuring device, basically a 0.01mm resolution dial gauge mounted on a reference base, allows to measure the sample thickness in 9 points as defined as alternative abrasion measurement method in EN 13892-3 and DIN 52108. Volumetric method is valid for all the standards.Easy setting of test speed and number of cyclesfast sequence selection optioncounter and test status always displayedsimple usecompact designmemory optionemergency shut off button includedBoehme Abrasion Tester for testing concrete pavingstones, concrete slabs, concrete kerb stones, natural stone, paving stones and natural stone slabs, according DIN 52108, EN 1338, EN 1339, EN 1340, EN 13892-3, EN 14157, EN 13748. 230V/50-60Hz/1ph.Boehme Abrasion Tester for testing concrete pavingstones, concrete slabs, concrete kerb stones, natural stone, paving stones and natural stone slabs, according DIN 52108, EN 1338, EN 1339, EN 1340, EN 13892-3, EN 14157, EN 13748. 110V/60Hz/1ph. QC TESTING SYSTEMSfor concrete, cement, aggregates, soil, road base and structural steel Mineral aggregates are used in all aspects of the construction industry to produce bituminous mixtures, concrete, mortars, fill materials, railway ballast, etc. Click here to learn about our complete range of equipment to test geometrical, mechanical, thermal and chemical aggregate properties. Read more CONTROLS offers a complete range of testing cement and mortars equipment for assess the performance of modern binders commonly used for a wide range of applications in the building industry. Read more Our automatic compression testing machines comply with all EN, ASTM and other National Standards. A wide selection of accessories and upgrading options makes our concrete testing solutions flexible and modular allowing each user to expand their testing capabilities easily. Our products are further complemented by our fresh, hardened and Non-Destructive Testing (NDT) testing equipment. 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Browse our extensive range of testing equipment, sorted by materials Our extensive library of catalogs, technical documents and video tutorials is here to help you get the most out of each piece of equipment. What our Customers Say About Us Whenever we have had any issue we call and a remote-in session allows the technical team of CONTROLS to log in and help us figure out what is going on. Tom Kowalewski, Lab Supervisor, Prairie Material LLC Controls service has been outstanding. From both a technical and sales standpoint. Controls staff hasgone above and beyond to accommodate any unique setup requests and to troubleshoot when needed. Taylor Humbarger, Quality Control Manager, Titan Concrete As an education institution covering principles and methods of materials testing, the testing machine that we acquired from CONTROLS met and exceeded our expectations. John Mangin, Chair, Dept. of Construction and Engineering Technology, AIMS Community CollegeIn the execution project of highways, rural roads, parking lots, or any other type of areas where you want to apply some type of paving, it is very important to know the ground on which we are going to lay the foundation and the properties of the materials that will form the layers that will resist the loads coming from the passage of vehicles (bases or sub-bases and granular bases). We offer a complete and modern range of testing equipment to determine the compaction or maximum density of a soil, moisture and density relationship (Proctor), bearing capacity of the soil (CBR), deformability by bearing plate, etc. Cant find what you are looking for? 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Available for EN Standards and ASTM Standards.To help you navigate the complexity of choosing the right concrete testing equipment, discover our downloadable four-step guide and let us help you shape the success of your concrete testing at this link. Showing 19 of 42 resultsAccessories for Compression MachinesASTM and AASTHO compression machinesCalibration of Compression and Flexural MachinesGENERAL UTILITY Compression MachinesUpgrades for Compression Machines Cant find what you are looking for? Established in 1968, CONTROLS develops and supplies a complete range of testing solutions for cement, concrete and steel reinforcing bars for structural applications. Our systems are expertly designed and manufactured to meet the needs of every laboratory from Quality Control production to advanced applications for research projects.Our comprehensive range of compression testing machines satisfies all EN, ASTM and other National Standards. A wide selection of accessories and upgrading options makes our concrete testing solutions flexible and modular allowing each user to expand their testing capabilities easily and as required, from basic Quality Control to Advanced Testing. Our products are complemented by a wide range of equipment for fresh and hardened concrete testing plus Non-Destructive Testing (NDT).

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