

COMPARATOR, STANDARD 10" EFFECTIVE GAUGE LENGTH



C1311

C1311D

These Comparators are designed to measure standard 10" effective gauge length changes of hardened cement paste, mortar and concrete prismatic specimens. The indicator is mounted on a sturdy upright support attached to solid triangular base. The **C1311** features a sensitive dial indicator with a continuous dial with 0-10 reading and a total range of .400" and .0001" (.0025mm) divisions. The **C1311D** features a an easy to read digital indicator which measures inches and metric can be changed at the push of a button; .500" (12.6mm) range and .0001" (.0025mm) divisions. Also included with the comparators are stationary and movable anvils designed to fit the gauge studs that are cast on test specimens and an invar reference bar.

MODELS	DESCRIPTION	STANDARDS
C1311	COMPARATOR	ASTM C-151, C-157, C-227, C-311, C-341, C-342, C-452, C-490, C-596 / AASHTO M-210, T-107, T-160
C1311D	COMPARATOR, DIGITAL INDICATOR	

CEMENT BLEEDING APPARATUS



Used to determine bleeding rate and bleeding capacity of cement paste and mortar by direct and continuous procedure. Includes noncorrosive metal container for paste or mortar, collecting ring, support stand and necessary glassware. Rubber-covered double V-jaw burette clamp holds stopcock in position; single rubber-covered jaw clamp supports the burette and funnel assembly.

MODELS	DESCRIPTION	STANDARDS
C1551	CEMENT BLEEDING APPARATUS	ASTM C-243

CONCRETE COMPRESSION MACHINE

Hogentogler introduces a new line of fully automatic, one-touch design Concrete Compression Testing Machines. Each four column load frame is designed and individually tested for maximum stability and alignment to avoid tension failure during testing. This process also ensures correct center loading. The precise spherical upper platen is large in diameter for optimum testing results. The unit is furnished with standard platens for 3" x 6", 4" x 8" and 6" x 12" cylinders. The heavy duty motorized hydraulic power pack with rapid approach provides accurate pressure loads while the automatic over extension protection increases the lifetime of the o-rings. A variety of digital readouts are available including simple display panels to high end computer controlled storage devices. Built in stand and safety guards creates a safe and ergonomically correct atmosphere for the operator.



C4626-C4628



C4630-C4646

MODELS	DESCRIPTION	LOAD	STANDARDS
C4626	COMPRESSION MACHINE, W/ PEAK HOLD	300,000 LB	ASTM C-39, C-109, C-78, C-293, C-140, C-496, E-4, E-447 BS-1610 BS-1881
C4627	COMPRESSION MACHINE, W/ PEAK HOLD & MEMORY		
C4628	COMPRESSION MACHINE		
C4630	COMPRESSION MACHINE, W/ PEAK HOLD	400,000 LB	
C4631	COMPRESSION MACHINE, W/ PEAK HOLD & MEMORY		
C4632	COMPRESSION MACHINE		
C4636	COMPRESSION MACHINE, W/ PEAK HOLD	500,000 LB	
C4637	COMPRESSION MACHINE, W/ PEAK HOLD & MEMORY		
C4638	COMPRESSION MACHINE		
C4644	COMPRESSION MACHINE, W/ PEAK HOLD	600,000 LB	
C4645	COMPRESSION MACHINE, W/ PEAK HOLD & MEMORY		
C4646	COMPRESSION MACHINE		

CUBE MOLDS

These molds are for preparing 2" square cement mortar specimens for compressive strength testing. The molds are three gang models that are available in bronze and stainless steel construction. They are precision machined for a tight fit. They have quick acting clamps and are easily separated into two sections for quick specimen removal. Please note the **C2020** does not meet ASTM or AASHTO standards. The **C2035** 3-gang mold is used to prepare 2" diameter by 4" long cylindrical cement mortar specimens for compressive strength testing. The molds are three gang models that are available in bronze and stainless steel construction. They are precision machined for a tight fit. They have quick acting clamps and are easily separated into two sections for quick specimen removal.



MODELS	DESCRIPTION	STANDARDS
C2020	POLYETHEYLENE PLASTIC MOLD W/ DETACHABLE BASE	N / A
C2021	FORGED BRONZE W/ DETACHABLE BASE	ASTM C-109 / AASHTO T-106
C2021A	BRASS W/ DETACHABLE BASE	
C2022	FORGED BRONZE W/O DETACHABLE BASE	
C2025	FORGED BRONZE W/ BASE & TOP PLATE	ASTM C-31, C-39, C-192
C2035	3-GANG CYLNIDER MOLD, BRONZE	
C2023	3-GANG CYLNIDER MOLD, ST. STL. W/ DETACHABLE BASE	

ACCESSORIES	DESCRIPTION
C1155	TAMPER, NON-METALLIC
C2027	COVER PLATE FOR C2021 & C2023
C2028	CUBE MOLD COVER PLATE, BRASS

CUBE MAKER KIT

The **C2041** Cube Maker Kit for 2" mortar cubes is the most economical mold system available for reproducible and accurate results. The mold is constructed of a durable brass frame with removable polypropylene water tight disposable liners. The mold also requires no cleaning, just insert a new liner. Also included with the kit, are capping accessories.



MODELS	DESCRIPTION
C2041	CUBE MAKER KIT FOR 2" MORTAR CUBES

ACCESSORIES	DESCRIPTION
C2042	EXTRA CUBE MOLD
C2043	EXTRA LINERS, 198 COUNT
C2044	RETAINER CAPS, SET OF 2
C2045	COMPRESSION PADS, SET OF 4
C2052	MOLD RELEASE, SILICONE, 18 OZ

HEAVY DUTY SPLIT MOLDS



These molds are reusable heavy duty split molds for forming concrete compression test specimens in the field or the laboratory. The molds have a 1/4" wall thickness with a vertical opening along one side that is held together by two swivel clamps that loosen to allow easy specimen removal. The mold is held firmly to a base plate by two threaded studs and wing nuts.

MODELS	DESCRIPTION	STANDARDS
C2053	SPLIT MOLD, 3" X 6"	ASTM C-31, C-39, C-192, C470 / AASHTO T-22, T-23, T-126, T-198
C2054	SPLIT MOLD, 4" X 8"	
C5031	SPLIT MOLD, 6" X 12"	
C5033	SPLIT MOLD, 6" X 12", W/ TOP	

SINGLE USE CYLINDER MOLDS

These are single use molds for making cylindrical concrete test specimens in the field or laboratory. The cardboard molds have firmly attached steel bottoms and are waxed on the inside to retain moisture and for ease of stripping. The plastic molds also retain moisture and do not adhere to the specimen. The C5097 Econo-O-Cure Field Curing System uses a thermostatically controlled heater with air circulating fan to assure consistent and evenly distributed heat. The unit holds up to eight 6" x 12" concrete test cylinders and is constructed from advanced polymers and vinyls with 1/2" cooler foam. The plastic molds are easily stripped using the C5088 stripping tool.



C5086



C5081



C5097



C2078



C5122



C5123



C5089

CARDBOARD

MODELS	DIMENSIONS	QTY	STANDARDS
C2062	2" X 4"	100	ASTM C-31, C-39, C-192, C470 / AASHTO T-22, T-23, T-126, T-198
C2063	3" X 6"	100	
C2064	4" X 8"	100	
C5081	6" X 12"	24	

LIDS	DESCRIPTION
C5082A	FLAT LID / LIPPED, FOR C5081
C5082B	DOMED LID / SMALL LIP, FOR C5081
C5082C	FLAT LID / SMALL LIP, FOR C5081

PLASTIC

MODELS	DIMENSIONS	QTY	STANDARDS
C2070	2" X 4"	75	ASTM C-31, C-39, C-192, C470 / AASHTO T-22, T-23, T-126, T-198
C2071	3" X 6"	80	
C2075	4" X 8"	36	
C5086	6" X 12"	20	

LIDS	DESCRIPTION
C2069	FLAT LID, FOR C2070
C2072	FLAT LID, FOR C2071
C2076	FLAT LID, FOR C2075
C5082	DOMED LID, FOR C5086
C5082D	HIGH DOMED LID / LIPPED, FOR C5086

ACCESSORIES	DESCRIPTION
C2078	GROUT SAMPLE BOX, 25/PKG
C5097	ECON-O-CURE, FIELD CURING SYSTEM
C5088	STRIPPING TOOL
C5089	6" X 12" CYLINDER TEST TRANSPORT RACK
C5122	CYLINDER CARRIER
C5123	LIFTING HANDLE
C5127	CYLINDER WRAP, 4"
C5128	CYLINDER WRAP, 6"

CONCRETE COMPRESSION MOLDS



The **C5021** 6" x 12" mold is used with concrete compression testing. The wall thickness is 1/8" (3mm) steel. The mold is split along one side with 2 welded quick-acting clamps. When open, the mold springs apart slightly to allow specimen removal. The base plate is not included. The **C5022** is very similar to the **C5021** but is furnished with 1/4" steel detachable base plate. The **C5031** & **C5033** molds are designed with a 1/4" thick wall.

MODELS	DESCRIPTION	SIZE	STANDARDS
C5021	CONCRETE COMPRESSION MOLD	6" X 12", 1/8" WALL THICK	ASTM C-31, C-39, C-192, C-470 / AASHTO T-22, T-23, T-126, T-198
C5022	CONCRETE COMPRESSION MOLD W/ BASE PLATE	6" X 12", 1/8" WALL THICK	
C5031	CONCRETE COMPRESSION MOLD W/ BASE PLATE	6" X 12", 1/4" WALL THICK	
C5033	CONCRETE COMPRESSION MOLD W/ TOP PLATE	6" X 12", 1/4" WALL THICK	

CONCRETE CUBE MOLDS

The **C5001** single cube mold is precision machined from heavy-duty cold roll steel. The mold is 6" x 6" x 6" (152 x 152 x 152mm) and are hinged to allow easy specimen removal. These molds are used for producing specimens to perform Time of Initial and Final Setting of Concrete. The **C5002** is a three gang version.



C5001

MODELS	DESCRIPTION	STANDARDS
C5001	CONCRETE CUBE MOLD, SINGLE 6"	ASTM C-403 / AASHTO T-197
C5002	CONCRETE CUBE MOLD, 3-GANG 6"	

CONCRETE CAPPING FIXTURES

These fixtures are for capping concrete cylinders for compressive strength testing. There are two types of capping fixtures. The **C5101** has a welded steel upright aligning guide for positioning the cylinder. The base has a machined recess to hold the compound while the aligning guide holds the cylinder at a 90° angle to the base. The base is also precision ground to provide an extremely flat testing face. The **C5102** is similar to **C5101**, however, it has an aluminum alloy aligning guide instead of the welded steel guide. This fixture also has a detachable ring recess instead of a fixed recess for holding the capping compound. The two piece capping fixture is also available in 2", 3", and 4" models. Hogentogler also sells capping compound (**C5124**) and to melt the compound please see **G6922** thru **G6935** melting pot.



C5101



C5102

MODELS	DESCRIPTION	SIZE	STANDARDS
C2125	CONCRETE CAPPING FIXTURE, 2-PIECE	2" X 4"	ASTM C-31, C-39, C-192, C-617 / AASHTO T-22, T-23, T-126, T-231
C2127		3" X 6"	
C2131		4" X 8"	
C5102		6" X 12"	
C5101	CONCRETE CAPPING FIXTURE, 1-PIECE	6" X 12"	

ACCESSORIES	DESCRIPTION
C2133	EXTRA PLATE FOR C2125
C2134	EXTRA PLATE FOR C2127
C2135	EXTRA PLATE FOR C2131
C5104	EXTRA PLATE FOR C5102
C5121	LADLE, ST. STL
C5122	CYLINDER CARRIER, FOR 6" X 12" MOLDS
C5123	LIFTING HANDLE. FOR 6" X 12" MOLDS
C5124	CAPPING COMPOUND, VITROBOND