

# **FORE TESTING EQUIPMENT MANUFACTURING INDUSTRY and INTERNATIONAL CO. / TURKIYE**

**"TESTING SOLUTIONS - TECHNOLOGIES for QUALITY"**

( Notice; for the more details; [www.fore.com.tr](http://www.fore.com.tr) )

## **CEMENT GROUP**

### **TESTING EQUIPMENT DESCRIPTIONS**

#### **VISCOMAT NT RHEOMETER**

Viscosical findings are of fundamental importance for the development. Manufacture and processing of building materials. The Viscomat is a versatile of fine-grained building materials such as cement paste, mortar, fine concrete, plaster etc. with a maximum particle size of 12 mm. It is recommended for developing admixtures of any mortar or concrete as well as SCC. It is further recommended for determining setting time of paste or mortar. With the ethernet interface you can integrate the viskomat in any TCP/IP based network. The Viscomat NT has a built-in web server so any browser can be used as a user-interface for controlling and data evaluation. (Item No; FR-V0001)

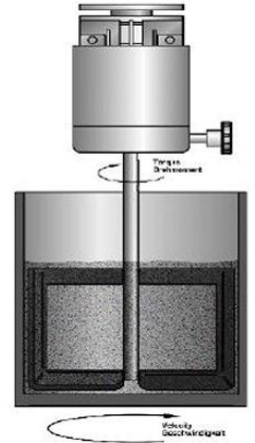
Additional Feature Shear Stress Controlled Drive; To run torque ramps or torque steps, angel ramps or angel steps. (Item No; FR-V0006). ([www.fore.com.tr](http://www.fore.com.tr))



### **EXPLANATIONS**

#### **FORE TEST**

FR-Ç262



#### **THIN CROSSUT SHRINKAGE**

#### **Testing Machine with LAZER Measuring System**

With this equipment the shrinkage of thin fluid building materials (like flooring compounds) can be measured in the first minutes and hours after start of mixing. The length change is registered touchless by two laser beams. The data are recorded by a data logger synchronous with the humidity and temperature of the room. Also the weight change can be registered by a integrable balance (mettler). All data are recorded and can be displayed or downloaded to your intranet via an ethernet TCP/IP interface. Measuring range 2x2 mm, resolution 0,0001mm. (Item No; FR-S0060). ([www.fore.com.tr](http://www.fore.com.tr))



#### **FORE TEST**

FR-Ç115

**SHRINKAGE CONE**

**With LAZER Measuring System**

FR-Ç332

**FORE TEST**

WITH THIS UNIT SHRINKAGE OR EXPANSION OF FLUID BUILDING MATERIALS CAN BE MEASURED IN THE FIRST MINUTES AND HOURS AFTER START OF MIXING.

The sample container looks like a cone. The LENGTH CHANGE is registered cotactlessly with a resolution of 0.1 mikron by a laser beam.

The shrinkage cone has an ethernet interface and a built-in web-server. You can integrate the logger in your intranet to acces the measurement data from ever PC in your network using any internet browser (Item No; FR-S0050).

**Partition Foil**

Reduces sliding friction, for easy take out the specimen, reusable. (Item No; FR-S0053)

(www.fore.com.tr)



**CEMENT COMPRESSION**

**Testing Machine**

FR-Ç139

**FORE TEST**

FULL AUTOMATIC CONTROL SERVO SYSTEM.

CEMENT PRESS AND FLEAXUREL SYSTEM.

200KN CAPACITY

SAFETY SAW LOOK.

LCD MONITORING 5x5x5cm mould prees and 4x4x416 cm flexura including pc programe

(www.fore.com.tr)



**CEMENT COMPRESSION and TENSILE Testing Machine**

FR-B130

**FORE TEST**

FULL AUTOMATIC SERVO CONTROL 2 DIFFERENT HYDROLIC TEST CONTROL SYSTEM.

200KN AND 20KN LOAD CELL.

ASTM C109 EN 196-1LCD MONITORING 5x5x5cm mould prees and 4x4x416 cm flexural

including pc programe WEIGHT 600KG (www.fore.com.tr)

**FORE TEST CİHAZLARI A.Ş. ( www.foreas.com )**  
**ÇİMENTO BASMA ve EĞİLME TEST PRESİ**  
**( ÇİFT PİSTONLU )**



**JOLTING TABLE**

**FORE TEST**

EN 196-1 BS 3892  
FOR MORTAR PRISMAS  
MOULD 4X4X16CM  
THE DROP WEIGHT 15MM  
60 REVOLUTION PER MINUTE  
AUTOMATIC DIGITAL COUNTER.  
EMERGENCY STOP BUTON  
WEIGHT 70KG.  
(www.fore.com.tr)

FR-CEM26/hb



**VICAT TEST SET**

**FORE TEST**

EN 196.3-ASTM Cc87  
THE NEEDLE AND CONICAL MOULD GLASS  
PLATE.  
NEEDLE DIAM.1.13MM CONICAL MOULD  
DIA.70-80MM SLIDING PROBE IS A 300GR  
PLUNGER 300GR.  
2 KGWEIGHT  
(www.fore.com.tr)

FR-Ç030



**BLAINE TEST SET**

**FORE TEST**

BLAINE AIR PERMABILITY APPARAUS  
EN 196-1 ASTM C 204  
U TUBE GLASE MANOMETER FILTER PAPER  
CELL PLUNGER  
CELL BODY STEENLES STEEL  
RUBBER BULB-CEELL DISK  
5 KG  
(www.fore.com.tr)

FR-Ç147



**AUTOMATIC BLAINE**

**Testing Machine**

ELECTRONIC and DIGITAL  
FULL AUTOMATIC BLAINE MACH.  
DIRECT CALCULATE CEMENT K COUNT.  
TAMPER  
FILTER PAPER  
STANDART SOIL  
(www.fore.com.tr)

**FORE TEST**

FR-Ç148



**MORTAR FLOW TABLE**

FOR FLOW AND WORKABILITY TESTS OF  
MORTAR AND LİME  
ASTM C 230 EN 459 2 EN 1015 3  
CIRCULAR TOP TABLE ON THE TRIPOD  
FLOW MOULD AND TAMPER  
WEIGHT 20 KG  
(www.fore.com.tr)

**FORE TEST**

FR-Ç027



**MUFFLE FURNACE**

Digital Thermostand and Indicator  
Temperature; Max. 1000 C degree  
7 LITER  
220-240 V/50 Hz-45 KG  
(www.fore.com.tr)

**FORE TEST**

FR-Ç072



**MORTAR MIXER**

**FORE TEST**

EN 196-1 196-3 EN ISO 679 ASTM C 305  
DIGITAL REPED CONTROL  
5 LT STEENLES STELL BOWL-  
AND PADLE  
SELECTED RPM 62 125RPM 140 285 RPM  
EASY HAND MOWING  
WEIGHT 52 KG  
(www.fore.com.tr)

FR-Ç032



**CEMENT CALORIMETER**

**FORE TEST**

CALORIMETER OF CEMENT FOR  
HEAT AND HYDRATION  
THE DETERMINATION HEAT OF HYDRATION  
OF CEMENT SOLUTION METHOT.  
(www.fore.com.tr)

FR-Ç146



**CEMENT COMPARATOR**

**FORE TEST**

CEMENT MORTAR LENGHT COMPARATOR  
ASTM C 131 EN 1367-4  
USED TO MEASURE THE LENGHT  
VARIATIONSASTM MEASURE LINEAR  
SHRINKAGE OF SPECIMENS.  
SUPLIED REFERANCE BAR AND GAUGE  
GAUGE 10X 0.01MM  
WEIGHT 12 KG  
(www.fore.com.tr)

FR-Ç069



**CEMENT BEAM MOULD**

40x40x160 mm STAINLESS STEEL  
3 gang  
STANDART UNI 6009 UNE 80 101  
HARDNES 60HRC  
WEIGHT 12.7KG  
(www.fore.com.tr)

FR-Ç064

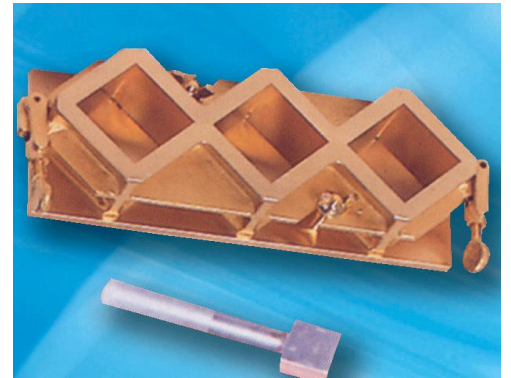


**FORE TEST**

**CEMENT CUBIC MOULD**

50x50x50 mm  
3 gang  
Brass Type (Special Manufacturing)  
and Aliminium Type.  
(www.fore.com.tr)

FR-Ç066



**FORE TEST**

**CONCRETE AND MORTAR SHRINKAGE MOULD**

**SHRINKAGE / EXPANSION UNIT**  
The Shrinkage unit is made of 1000 mm long u-shaped stainless steel profile which contains the specimen. To avoid wall friction the gutter is covered with a removable compressible rubber. The unit also enables unstressed deformation of the sample. A digital LVDT probe is used as displacement sensor. To one basic unit up to ten probes can be connected.  
Size; 60x40x1000mm ( Item No; FR-S0103 )  
Size; 100x60x1000mm ( Item No; FR-S0033 )  
(www.fore.com.tr)

FR-B114



**FORE TEST**

**CEMENT OTOCLAVE**

(www.fore.com.tr)

FR-Ç105

**FORE TEST**

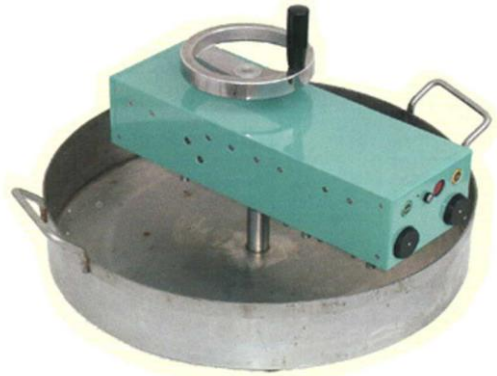


**FRESH CONCRETE RHEOMETER (BT2 Rheometer)**

This is a compact viskometer for fresh concrete. The instrument is specially designed for the building site to measure the rheological properties of fluid fresh concrete or SCC. The system is driven by hand and all the electronics are battery driven. The readings may be transfered and displayed on an included external Palmtop (Item No; FR-B0001). Additional Feature Trolley for the Sample Container; Two wheel trolley for easy handling of the BT2 sample container (Item no; FR-B0020).  
(www.fore.com.tr)

FR-B127

**FORE TEST**



**41 PORTAFOAM GENARATOR For Cement and Concrete Quality For TUNNEL CONSTRUCTIONS**

FR-BÇ331

**FORE TEST**

Dedicated to the Understanding of Lightweight Concrete Structures The "Portafoam System" Lightweight Foamed Concrete The Easy Way We have been supplying the technology for the production of lightweight foamed or cellular concrete locally & worldwide. We from small to large scale production of [pre cast wall blocks](#) and [panels](#). In addition we also have experience in providing foaming technology for [cast in-situ wall systems](#), [decorative architectural components](#), floor screeds, roof insulation and also foundations / or bases for roads and [building aprons](#).  
(www.fore.com.tr)



*Notice; Pictures are almost same with ordering. Pictures are as SAMPLE. Everytime, the coming ordering products' shapes and technical specifications can be better than catalog and pictures. NOTICE; ALL ITEMS WILL BE IN INTERNATIONAL WOODEN CASE PACKING.*