

# Cement and Concrete Testing Machine Type DB 600 / 20

- to determine the compressive strength and
- to determine the flexural strength  
of cement or concrete samples according EN 196-1 and EN 12390

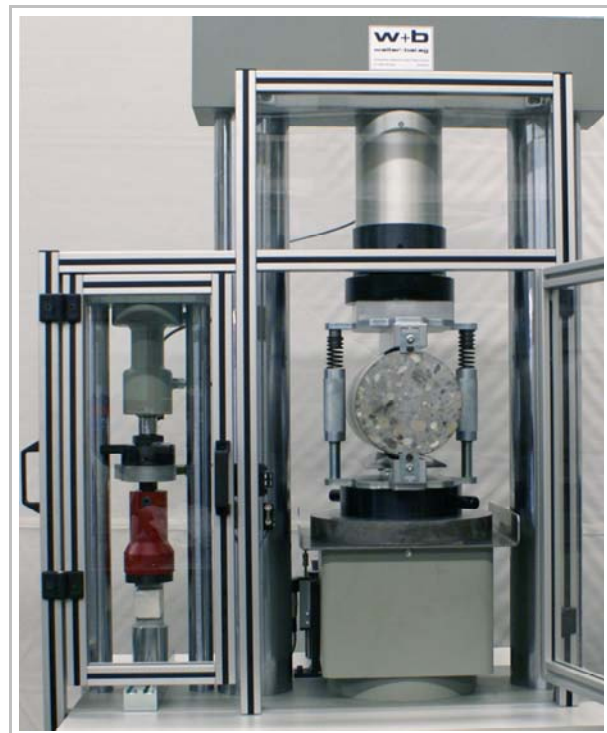
**Bending Frame Capacity: 20 kN      Compression Frame Capacity: 600 kN**

## Features:

- Rigid machine with 2 testing areas in 2-Column constructions for smooth specimen breaking.
- The chassis contains in the lower part the integrated hydraulic power pack with servo valve, oil-air cooling system etc. In connection with digital control system **DIGICON 2000** with strip printer and digital display for fully automatic testing procedure in closed loop mode. Optional available with building material testing software **PROTEUS**.
- 600 kN Compression testing area is equipped with compression platens for universal application, allowing to place the various test devices between the platens.
- Into the 20 kN flexural testing area bending or compression test devices can be inserted.

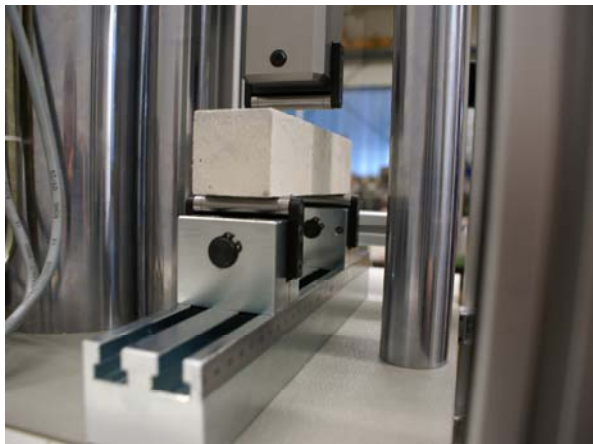


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# The Following Test can be Performed:

## Flexural Testing Area up to 20 kN:



**Bending Tests**  
on Primes 4 x 4 x 16 cm or others



**Compression Tests**  
on Half - Primes 4 x 4 x 8 cm or others

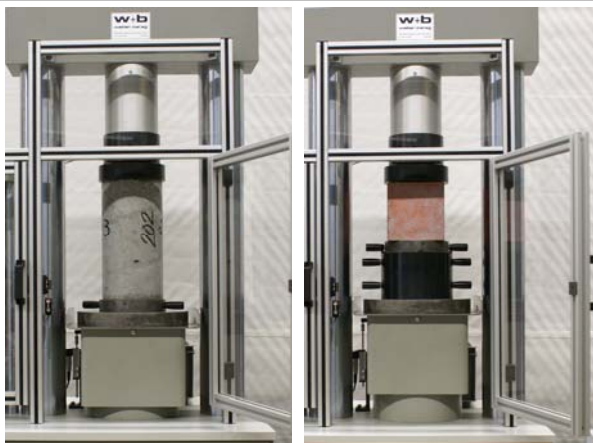
## Compression Testing Area up to 600 kN:



**Compression Tests**  
on Half - Cement Prisms



**Compression Tests**  
on Small Carrots



**Compression Testing**  
on Concrete Cylinders or cubes

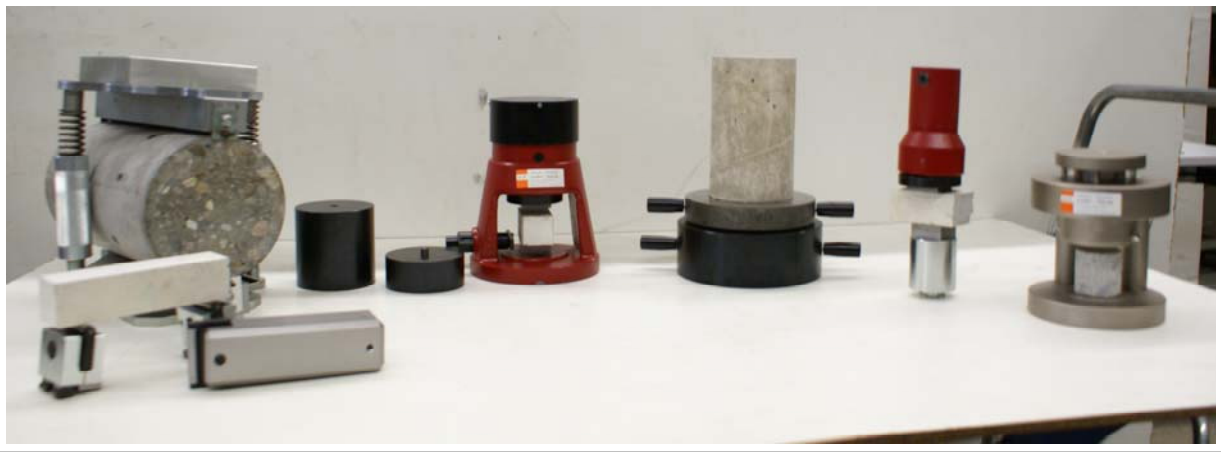


**Tensile Splitting Tests**  
on Cylinders Ø 150 or 160 mm

*walter+bai ag* Testing Machines

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## Testing Devices Needed:



## Examples of Specimens:



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