

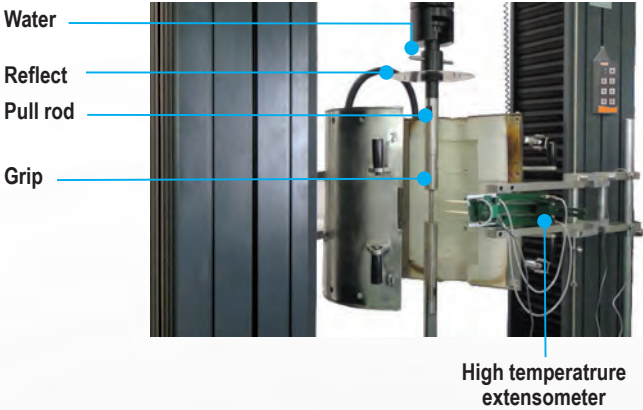
Furnace HF110

- > Three zone split furnaces designed for models ETM 100, ETM 200, ETM 300, ETM 600.
- > Elements designed to achieve optimum performances. Heating elements individually mullite covered, three heat zones for an excellent temperature gradients control and reliable continuous operation up to maximum temperature.
- > High performance multi-crystal refractory fabrics insulation reduce heat losses and provides fast heat up rate. Sample is heated primarily through radiation.
- > Stainless steel cover. Adjustable latches keep the furnace sections locked together during tests and facilitate the furnace opening and closing.
- > Ceramic closures at top and bottom turn around the leading bars and reduce heat loss at these points.



- > Furnaces needs to be firmly fixed to the test system during use but also easily removed to allow the access to specimen for setting-up.
- > Radiation reflector protect grips from heat diffusion.
- > Wide range of pull rods and grips available.

- > Furnace is supplied with K type temperature monitoring thermocouples, to provide the most accurate indication of the specimen temperature.
- > Control systems are compatible with all furnace systems.



Model		HF110
Temperature range	°C	300-1100
Uniform temperature zone	mm	150
Temperature gradient	°C	300-600:2
		600-900:3
		900-1100:4
Temperature fluctuation	°C	300-600:≤±2
		600-900:≤±3
		900-1100:≤±4
Inside diameter	mm	ø110x350
Outer diameter	mm	ø310x450

Included accessories

Pull rod & tensile grips for round specimen ø10mm and threaded specimen M16 at temperature range 300-1050°C in according to ISO6892-2, ISO783

Optional accessories	
Model	Description
HF11001	Tensile grip for round specimen ø5mm
	Threaded specimen M12
	Working temperature range 300-950°C
	ISO6892-2
HF11002	ISO783
	Tensile grip for flat specimen 1-3mm
	Working temperature range 300-950°C
	ISO6892-2
HF11003	ISO783
	Pull rod for gripping ends ≤M16 mm
HF11004	Working temperature ≤950°C
	S type thermocouple

NOTE: For high temperature tests it is necessary a special type extensometer for high temperatures



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