

Tube furnace options & accessories

Suitable for heating in air

Suitable for an inert gas atmosphere

Suitable for vacuum (10^{-3} mbar)

Which tube furnace should be used?

Up to 900, 1000, 1200°C
15 ~ 38 mm id
130 ~ 400 mm heated length

Up to 1200°C
65 ~ 105 mm id
550 ~ 900 mm heated length

Up to 1200°C
75 ~ 170 mm od
300 ~ 1200 mm heated length

Up to 1600°C
60 ~ 90 mm od
180 ~ 610 mm heated length

Up to 1800°C
to 90 & 140 mm od
200 ~ 600 mm heated length

MTF 9, 10 or 12 series

CTF, TZF or split 12 series

G series

STF, TZF 15 or 16 series

CTF, TZF 17, 18 or PVT

What additional items need to be ordered? (follow the colour coding)

Suitable for heating in air

Furnace

+ insulation end plugs:
type C (ref. 41-50-1)

Furnace

+ insulation end plugs:
type C (ref. 41-50-1 or 41-50-2)

Furnace

+ worktube: type C (up to the max furnace od & furnace heated length plus 200mm)
+ insulation end plugs: type C (ref. 41-50-1 or 41-50-2)

Furnace

+ worktube: type C (up to the max furnace od & furnace overall length)
+ insulation end plugs: type C (ref. 41-50-3 or 41-50-4)

Furnace

+ worktube: type C (up to the max furnace od & furnace heated length plus 300mm)
+ insulation end plugs: type C (ref. 41-50-5)

Suitable for gas atmosphere

Furnace

+ worktube: type D (one size below furnace id & furnace length plus 300mm)
+ insulation end plugs: type D (ref. 41-50-11)
+ gas tight end seals: (ref. 41-37-1)

Furnace

+ worktube: type D (one size below furnace id & furnace length plus 300mm)
+ insulation end plugs: type D (ref. 41-50-11 or 41-50-12)
+ gas tight end seals: (ref. 41-37-1 or ref. 41-37-2)

Furnace

+ worktube: type D (up to the max furnace od & furnace heated length plus 600mm)
+ insulation end plugs: type D (ref. 41-50-11 or 41-50-12)
+ gas tight end seals: (ref. 41-37-1 or ref. 41-37-2)

Furnace

+ worktube: type D (up to the max furnace od & furnace overall length plus 300mm)
+ insulation end plugs: type D (ref. 41-50-13 or 41-50-14)
+ gas tight end seals with water cooling: (ref. 41-37-3 or ref. 41-37-4)

Furnace

+ worktube: type D (up to the max furnace od & furnace heated length plus 900mm)
+ insulation end plugs: type D (ref. 41-50-15)
+ gas tight end seals with water cooling: (ref. 41-37-3 or ref. 41-37-4)

Suitable for vacuum (10^{-3} mbar)

Furnace

+ worktube: type D (one size below furnace id & furnace length plus 300mm)
+ radiation end plugs: (ref. 41-51-1)
+ vacuum end seals: (ref. 41-37-1) plus (ref. 41-38-1) plus (ref. 41-38-2)

Furnace

+ worktube: type D (one size below furnace id & furnace length plus 300mm)
+ radiation end plugs: (ref. 41-51-1 or 41-51-2)
+ vacuum end seals: 41-37-1 or 41-37-2 plus (ref. 41-38-1) plus (ref. 41-38-2)

Furnace

+ worktube: type D (up to the max furnace od & furnace heated length plus 600mm)
+ radiation end plugs: (ref. 41-51-1 or 41-51-2)
+ vacuum end seals: 41-37-1 or 41-37-2 plus (ref. 41-38-1) plus (ref. 41-38-2)

Furnace

+ worktube: type D (up to the max furnace od & furnace overall length plus 300mm)
+ radiation end plugs: (ref. 41-51-3, 41-51-4 or 41-51-5)
+ vacuum end seals with water cooling: 41-37-3 or 41-37-4 + 41-38-1 + 41-38-2

Furnace

+ worktube: type D (up to the max furnace od & furnace heated length plus 900mm)
+ radiation end plugs: (ref. 41-51-3, 41-51-4 or 41-51-5)
+ vacuum end seals with water cooling: 41-37-3 or 41-37-4 + 41-38-1 + 41-38-2