

## RUL/CIC 421

### Model RUL/CIC 421 E/6

Temperature range	RT to 1700°C
Heating elements	4 Super-Kanthal 1800
Test atmosphere	Static air; optional inert purge gas
Safety switch	Failure of test piece

### Model RUL/CIC 421 G/6

Temperature range	RT to 1600°C
Heating elements	4 Super-Kanthal 1800
Protective tube	Al <sub>2</sub> O <sub>3</sub>
Ability to evacuate	Up to 10 <sup>-2</sup> mbar
Test atmosphere	Static/dynamic air and inert gas
Safety switches	Failure of test piece, cooling water

### General Data

Test piece	Ø 50 mm, height 50 mm
Load range	1 N to 1000 N; steps of 1 N to 100 N
Max. stress	0.5 N/mm <sup>2</sup>
Measuring range	20 mm; resolution 4,000,000 steps
Measuring system	Differential
Digital resolution	5 nm
Thermocouples	Type B
Power Supply Electronics	<ul style="list-style-type: none"> <li>■ Electronics : 230 V/10 A 50 Hz</li> <li>■ Furnace: 230 V/70 A/50 Hz; max. 15 kW</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>■ Measuring unit: ≈ 1200 mm x 610 mm x 2400 mm</li> <li>■ Control unit: 562 mm x 555 mm x 1183 mm</li> </ul>
Weights	<ul style="list-style-type: none"> <li>■ Measuring unit: ≈ 480 kg</li> <li>■ Control unit: ≈ 220 kg</li> </ul>