

Test procedures

OMEGA SERIES 1000-1001

| Symptoms | Test procedure | Probable cause and fix |
|--|---|---|
| Heat press going over set temperature | | <ol style="list-style-type: none"> 1. Faulty thermo couple 2. Faulty controller |
| Heat fault on digital display | | <ol style="list-style-type: none"> 1. Faulty controller 2. Open circuit on heat plate |
| Probe fault on digital display | | <ol style="list-style-type: none"> 1. Loose connections on controller connector block (probe) 2. Faulty probe (thermo couple) |
| CAL fault on digital display | | <ol style="list-style-type: none"> 1. Controller needs recalibrating |
| Heat plate not heating | Rocker switch not illuminating when switched on | <ol style="list-style-type: none"> 1. Emergency stop switch needs resetting 2. Check power supply and fuse 3. Replace rocker switch |
| | Digital display not illuminating | <ol style="list-style-type: none"> 1. Faulty fuse 2. Faulty fuse holder 3. Faulty wiring or connector 4. Faulty controller |
| | Open circuit on element | <ol style="list-style-type: none"> 1. Faulty thermal cut-out 2. Faulty heat plate loom or connector |
| Heat plate does not move down when press is operated | Both white buttons pressed at same time | <ol style="list-style-type: none"> 1. Check air supply to press 2. Check air gauge on front of press is reading a minimum of 3.5 bar 3. Check press is moved fully to left or right stop position 4. Check micro switch is operating 5. Check fuse in controller 6. Check connections between Controller and air solenoid valve 7. Replace controller 8. Replace solenoid valve |



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| Timer on controller counts down but heat plate does not move down | Both white buttons pressed at same time | <ol style="list-style-type: none">1. Replace fuse in controller2. Faulty controller3. Faulty solenoid valve |
| Stuck in left or right position (springs back to same position when moved) | | <ol style="list-style-type: none">1. Check all air pipes going to directional valve2. Faulty directional valve |
| Side cylinder does not activate when in operation (heat press does not lock in right or left position) | both white buttons pressed | <ol style="list-style-type: none">1. Air supply is below 3.5 bar2. Actuation valve not in correct position3. Faulty actuation valve |
| Heat plate moves down too slowly | Both white buttons pressed at same time | <ol style="list-style-type: none">1. Flow regulator needs adjusting |
| Air leaking from air release valve in rear box | When air supply is connected to heat press | <ol style="list-style-type: none">1. Valve in open position (air release) |
| Air leaking from drain valve on air filter/ regulator | When air supply is connected to heat press | <ol style="list-style-type: none">1. Drain valve stuck in up position2. Pull drain valve into down position3. Air pressure too low |