
Electronics

The printed circuit boards in the MSD are available only as complete assemblies. Individual electronic components are not available. This section contains the following parts: cables, fuses, printed circuit boards (electronic assemblies).

Table 8

Internal Cables

| Description | HP part number |
|--|----------------|
| AC board control cable (AC board to main board) ¹ | G1099-60422 |
| Chassis ground wire ¹ | G1099-60433 |
| Diffusion pump control cable | G1099-60437 |
| Electronics module fan cable ¹ | G1099-60560 |
| Fan (high vacuum) cable | G1099-60561 |
| Feedthrough board (inside vacuum manifold) | G1099-60425 |
| HED control cable ¹ | G1099-60430 |
| HED power cable ¹ | G1099-60431 |
| High vacuum power extender cable (AC board to back panel) ¹ | G1099-60436 |
| Low voltage power supply input cable (AC board to LV PS) ¹ | G1099-60426 |
| Low voltage power supply output cable (LV PS to main board) ¹ | G1099-60427 |
| Mass filter contact cable kit (inside vacuum manifold) | G1099-60130 |
| Side board control (ribbon) cable (main board to side board) ¹ | G1099-60410 |
| Signal cable (signal feedthrough on side plate to signal amplifier board) ¹ | G1099-60416 |
| Source power cable (main board to side board) ¹ | G1099-60428 |
| Turbo pump control cable (back panel to turbo controller) | G1099-60438 |
| Turbo pump power cable (back panel to turbo controller) | G1099-60435 |

¹ Not a user-replaceable part. Refer service to your Hewlett-Packard service representative.

Table 9

External cables

| Description | HP part number |
|--|-----------------------|
| Remote start cable | G1530-60930 |
| HP-IB cable, 1-meter | 8120-4654 |
| Power cord, Australia, China | 8120-1369 |
| Power cord, Denmark | 8120-2956 |
| Power cord, Europe | 8120-1689 |
| Power cord, India / South Africa | 8120-4211 |
| Power cord, Japan (200 V) | G2025-60189 |
| Power cord, Switzerland | 8120-2104 |
| Power cord, UK, Hong Kong, Singapore | 8120-1351 |
| Power cord, US | 8120-1378 |
| Triode gauge cable (triode gauge tube to gauge controller) | 8120-6573 |

Table 10

Fuses and power switch

| Description | HP part number |
|---|-----------------------|
| Fuse 4A, 250V, fast-acting, low breaking (ac board and main board) ¹ | 2110-0875 |
| Fuse, 8A, 250V, time-lag, high breaking capacity (primary fuses) | 2110-0969 |
| Power button ¹ | 5041-1203 |
| Power switch extender rod ¹ | G1099-40007 |
| Switch adapter ¹ | G1099-20026 |

¹ Not a user-replaceable part. Refer service to your Hewlett-Packard service representative.

