Electronics

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)	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.

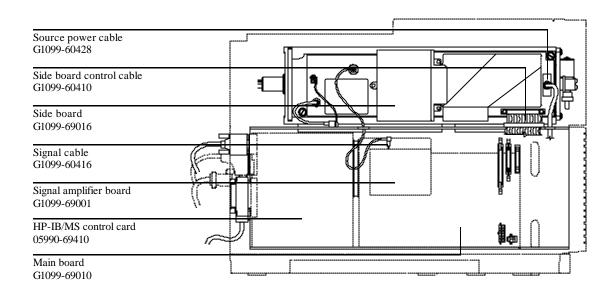
Table 9 External cables

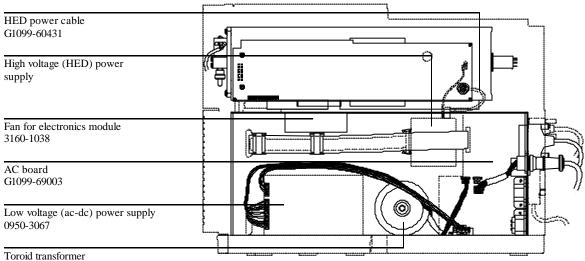
Description	HP part number	
Remote start cable	G1530-60930	
HP-IB cable, 1-meter	8120-4654	
Power cord, Australia, China	8120-1369	
Power cord, Denmark	8120-2956	
Power cord, Europe	8120-1689	
Power cord, India / South Africa	8120-4211	
Power cord, Japan (200 V)	G2025-60189	
Power cord, Switzerland	8120-2104	
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

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





Toroid transformer G1099-60229