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## 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

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### Internal Cables

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

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<sup>1</sup> Not a user-replaceable part. Refer service to your Hewlett-Packard service representative.

**Table 9**

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**External cables**

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<b>Description</b>	<b>HP part number</b>
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**

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**Fuses and power switch**

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

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<sup>1</sup> Not a user-replaceable part. Refer service to your Hewlett-Packard service representative.

