

ABSTRACT

VACUUM PUMP AND CONTROL DEVICE

5 A vacuum pump that allows for the identification of the noise immunities or the like
of a master circuit and a slave circuit for controlling an operation of each of portions included
in the vacuum pump, and a controller used for such a vacuum pump are proposed. The
present invention includes a control means 200 configured to control an operation of each of
portions included in a vacuum pump 100. The control means 200 includes a slave circuit
10 201, 202 connected to each of the portions to control the operation of each of the portions and
a master circuit 204 connected to the slave circuit 201, 202 to control the slave circuit 201,
202. The master circuit 204 is configured to perform periodical communications with the
slave circuit 201, 202 and obtain a history of communication states in the communications.

15 Figure 6