

Cost To Go Into Outer Space

ON THE JOB: The St. Louis Science Center, St. Louis, MO, requested a special weighing application from Cardinal Scale for their popular Cost To Go To Space Exhibit. The exhibit is located in a tunnel connecting the main building to the planetarium. The St. Louis Science Center is a three-building complex with more than 700 hands-on exhibits.

Science Center visitors may weigh themselves on a Cardinal RW1000 floor scale, and a Cardinal SB250 remote display provides a readout showing how much money it would cost to send that visitor into outer space.

EQUIPMENT USED:

- 205 DWI Weight Indicator
- SB250 Remote Display
- RW-1000-LPAN Run-a-Weigh Portable Floor Scale

For this particular weighing application, the Cardinal RW1000 scale was calibrated so that one pound would equal \$10,000. On the Cardinal SB250 remote display, a dollar sign is displayed as the first character, and the cost calculation to put someone into orbit is also displayed on the remote display.

When the application was written by Cardinal's programming department, pounds was the only unit of measurement used. The indicator was also programmed, so that if a price of zero was entered "NO COST" would be displayed on the remote display, showing the person setting up the exhibit that a price would need to be entered into the indicator. The flexibility added by the software allowed for simple setup and maintenance of this exhibit by science center personnel.

For more information on the St. Louis Science Center, please go to www.slsc.org.

