SELF-CONTAINED TERMINAL (SCT)

Description
The self-contained terminal (SCT) operates as an electronic notebook, provides off-line operation of an optical scanner that reads bar codes or manual input of inventory numbers and other digital information, as well as remote data exchange with electronic tags. The device also receives, displays, and stores information and consequently transfers it into a PC through a standard COM port.

Technical specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Information content compiled</td>
<td>1 Mbyte (60,000 records)</td>
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<tr>
<td>Self-sufficient operation time</td>
<td>6 hours</td>
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Technical appraisal and economic benefits

- increased efficiency of information input (twofold increase because the technique eliminates repeated information input; application of SCT for inventory of library stock makes it possible to increase the efficiency fivefold to sixfold);
- simple re-programming of SCT functions for specific conditions;
- easy integration with databases employed;
- low price as compared with analogues (3.5 times less expensive).

Application areas

- electronic inventory of library stock or warehouses;
- on-line monitoring of transportation of carriages or containers.

Development stage
Pilot samples (50 pieces) are used at the Tomsk freight terminal and at the Scientific Library of Tomsk State University.

Patent situation
No patent was obtained.

Commercial offers
Contract for product manufacturing and delivery.

Estimated cost
Estimated cost is 5500 roubles.

Contacts
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