COMPACT
BETA HAND MONITOR
Model # BHM-100S

TBM-3DLA

PBS-H100

TECHNICAL ASSOCIATES
7051 ETON AVENUE, CANOGA PARK, CA 91303
TELEPHONE: (818) 883-7043  FAX: (818) 883-6103
e-mail:tagoid@mwc.net  www.tech-associates.com
## COMPACT BETA HAND MONITORS

Versatile system  
User settable alarm levels  
Two modes:  
Ratemeter- Frisker mode  
Pre-set count-time (user settable)  
Probes are thin and wall mountable  
Electronics, compact, versatile

### CHOICE OF BETA SCINTILLATION PROBES

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PBS-H100</th>
<th>PBS-H300</th>
<th>PBS-F350</th>
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</thead>
<tbody>
<tr>
<td>Description</td>
<td>Hand-swipe</td>
<td>Hand full size</td>
<td>Foot full size</td>
</tr>
<tr>
<td>Active area</td>
<td>100cm²</td>
<td>300cm²</td>
<td>350cm²</td>
</tr>
<tr>
<td>Active dimensions</td>
<td>3”x6”</td>
<td>5”x9.25”</td>
<td>4.25”x12.75”</td>
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<tr>
<td>Over all dimensions</td>
<td>1.6”x4”x13”</td>
<td>1.6”x6”x15.5”</td>
<td>1.6”x4”x13”</td>
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Beta Scintillation 0.020” thick organic phosphor  
Beta scintillator for rapid monitoring of large surfaces.  
Detects betas with energies greater than 50KeV.  
The Window is normally protected by a 79% open grid

### MODEL TBM-3DLA

Digital scaler/ratemeter as described on specification sheet

### ADDITIONAL SPECIFICATIONS

**POWER**  
Rechargeable

**COMMUNICATIONS**  
Serial port is standard  
USB (or ethernet port) are optional.

**ALARMS**  
Audible and Visual, Set points and latching etc are user settable

**THRESHOLDS**  
Low level discriminator is user adjustable standard.  
Upper level threshold for Window operation is optional.

**PARAMETER SETTINGS**  
These can be done from the front panel, or from a PC unless  
front panel settings are locked in from the PC setup

**OPTIONS:**  
- Pre-amp for proportional detectors  
- Other connectors - MHV etc  
- Adjustable window above threshold  
- Eternal alarm jack  
- Ethernet with IP address and Overhoff Overview, Datalog and Network Software