

# 63 GDS Helpsheet



*World Leaders in Computer Controlled Testing  
Systems for Geotechnical Engineers and Geologists*

Hardware

2Hz MINIDYN

Balanced Ram Leaks

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## 1. Introduction

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Open the front panel of the machine and observe where the leak is coming from. There are two views on the drawings; the first shows the balanced ram in detail, the second shows the position of the balanced ram in the machine.

Observe where the leak is coming from. To do this the cell needs to be full of water.

The likely possibilities are:

1. between the ram shaft and the bottom cap with water running down the ram shaft
2. from the gap between the cell base, top cap and balanced ram cylinder.

If it is 2 does the water come out faster when the ram is moved up and does the leak stop after the ram has been moved down.