

Backpacker Portable Recorder Units

1700 Series

Portable Recorder UNIT



OPERATIONS MANUAL

Backpacker Industrial Equipment B.V.

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FOREWORD

This manual is intended as a general guide for operating of the Backpacker Portable Recorder Units.

Before the equipment is put to use, it is recommended that the information contained within this manual be studied carefully. By following the suggested procedures, the equipment should give a trouble-free service life.

The equipment covered in this manual, and information within, includes features that are proprietary to Backpacker and is covered by more patents. Nothing within this document shall be construed to be a license or permission for the disclosure of such proprietary information to third parties nor the use of this information for the purposes other than the operation, maintenance, inspections, and servicing of the covered equipment.

Improvements may be made from time to time, therefore the text and illustrations may differ to some extent with respect to the subject of equipment. In any reference to the unit for which this manual is used, it is essential that the equipment serial number is noted.

Questions with regard to the covered equipment and/or for replacement parts should be directed to:

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Recorder Preparation

Open the Door by pulling door lock outwards left on the recorder and swing the door open to the right.



Looking inside the Recorder (No circular Recorder Chart, item 1, fitted).



4

3

2

5

To prepare the recorder work as follow:

A: Prepare, Wind and Start, the clock.

Item (3) is the Knob to hold the Chart (1) but also to wind the clock.

Turn the Knob (3) **counter-clockwise** until the momentum required to turn starts to increasing. **DO NOT OVERTURN !!!! MAX. 1.5 TURN**

The clock is starts directly and you will also hear the clock ticking.

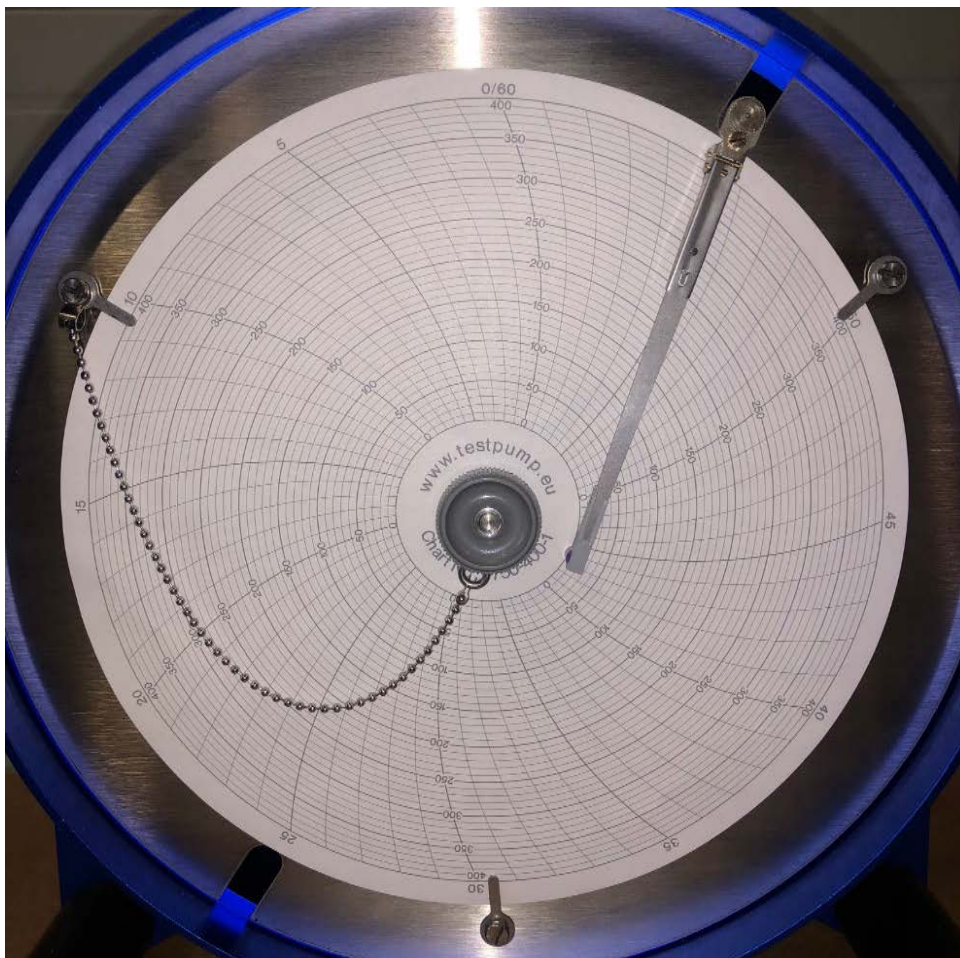
B: Fit the recorder chart.

Take a single Chart (1), the chart number of the needed chart is written on the recorder, above www.testpump.eu .

Remove the Knob (3) by turning **clockwise !!!**

Lift the Pen (2) and Pen-arm (5) by pulling the end of the Pen-arm gently towards you. The Pen-arm will swing towards you.

Place the centre-hole in the Chart (1) over the pin of the clock. Secure the Chart (1) by replacing the Knob (3), turning **counter-clockwise**. Slide the Chart (1) under the three Lips (4) as shown in the image below.



C: Removing the pen protector.

Below two pictures are given with detailed views of the Pen (2).
Hold Pen (2) in position with one hand and pull the Protector (2A)
with the other. Store the Protector, it needs to be replaced after the test.

**D: Check the pen.**

To check if the Pen (2) produces a line on the Chart (1) slightly tick
with your finger against the side of the Pen-arm (5). The pen (2) will
make a marking on the Chart (1).

If the Pen will not draw a line on the paper the Pen, the Pen is probably dried out, you
will need to place a new pen.

To remove the old Pen pull the Pen from the Pen-arm

**E: Connect the recorder**

The recorder has a 1/2" BSP acc. EN 837 connection on the back.



To connect the Backpacker HP hose with item no.: [HE-10/2-5-8G](#) to the recorder.



You will need an adapter to 1/2" BSP male with 60° cone.
This item can also be found on our website www.testpump.eu
Item number: [VN-8G-8GAF-SS-15K](#)



F: Close and lock the door.

Close the door and lock the door lock.

You are now ready to start the recording.

G: End of Recording.

When the test is completed the chart needs to be retrieved from the recorder.

Open the Door and swing the door to the right.

Lift the Pen (2) and Pen-arm (5) by pulling the Pen-arm gently towards you.

The pen arm will swing towards you.

Replace the Protector (2A) on the Pen (2).

Remove the Knob (3) by turning **clockwise !!!**

Push the Chart (1) from under the three chart holders (4).

Now take the left side of the Chart (1) between two fingers and carefully pull towards you. The Chart (1) will come off the pin of the clock. Guide the Chart (1) with the other hand while it slides from under the Pen (2).

(Make sure the small washer on the pin of the clock remains in place.

When it came off, replace it with the extension outwards.)

Replace the Knob (3) by turning **counter-clockwise**, do not tighten.

Close the Door.