

CompactoBar™

- Install, operate and compact – everything with ease !!! -



Benefits for everybody

- **Cost efficient** – all functions in a single compact unit makes installation quick
- **Small size** – the world's smallest makes installation possible anywhere
- **Language independent** – and easy to learn how to operate
- **Custom design** is possible
- **Printing** is optional

LED bar-graph display

The world's most compact all digital compaction measurement unit **CompactoBar™** is built upon Geodynamik's long experience in providing innovative electronic compaction measurement systems.

CompactoBar™ is based on the existing and well-proven design of the **Compactometer** and the **Compaction Indicator**. Due to its compact size the **CompactoBar™** can easily be mounted in or near the instrument panel or freely on a ball-and-socket joint. Only two cables need to be connected, making the **CompactoBar™** ideal for retrofitting in all existing vibrating rollers.

The intensity of the bar-graph and frequency readout can easily be adjusted for all existing light conditions.

Display

INPUT: CMV accept value

OUTPUT: CMV and frequency – continuous indication/readout

CMV min, max and mean – after each recording

RMV (double jump) – by flashing bar-graph

Keys

Go key Start/stop recording

Mode key 1. Go
2. Set CMV accept value
3. Adjust intensity

Scale selection 0 - 40 or 0 - 120

System components:	One main unit comprising display, processor and auxiliary electronics , a cable harness and an accelerometer.
Connectors/cables:	200 cm combined power and accelerometer cable harness with additional 200 cm printer cable, with connectors at ends. Accelerometer with 500 cm cable and connector.
Display type:	40 segments, high luminosity LED bar-graph with adjustable light intensity.
Displayed values:	CMV in two alternate scales: 0-40 and 0-120 with manual scaling. Resetable minimum, maximum and mean CMV during registration. Double jump indication by flashing bar-graph Roller frequency in Hz by two, seven segment LED displays. Presetable CMV-threshold with green LED indication.
Optional:	Kyoline XT-AD thermo-printer. Adjustable mount.
Mounting in roller:	Panel mounting: Footprint size 160 × 95 mm Free mounting in roller by threaded rear holes, 2 × M6. Can also be mounted by using the optional adjustable mount.
Power supply voltage:	10 – 30 V DC, 20 – 650 mA
Size and weight:	Main unit: 160 × 95 × 25 mm / 300 g Accelerometer: 64 × 58 × 34 mm / 950 g incl. cable Optional printer: 165 × 140 × 47 mm / 540 g