

Compaction Indicator™

- Anybody can see the difference between green and red -



Benefits for the roller manufacturer

- **Lower price** - adapted for factory installation
- **Small size** - can be integrated in the dashboard
- **Language independent**
- **Userfriendly** - only two (2) inputs
- **Printing** is possible
- **Custom design** is possible

Diode matrix

The diode matrix gives an overview of the area to be compacted - comparable to the overview of **CDS System**. When the corresponding section of the area has been recorded the diode lights up - either green or red depending on the result in comparison to the CMV accept value (calibration).

Compaction Indicator shows either **green or red** compared to **CDS System** that shows four (4) **gray shades**.

The diode is flashing when the corresponding section is being recorded. The diodes show four states - green, red, flashing or off. Each diode represents a length equal to one sixth of the selected strip length (10, 20, 30 m ...). The maximum resolution is thus 10 m compared to 0.5 m of the **CDS System**.

Display

INPUT: **Strip Length,**
CMV accept value
= limit between red and green

OUTPUT: **CMV, Frequency, Speed,**
Trip meter and memory for one area.

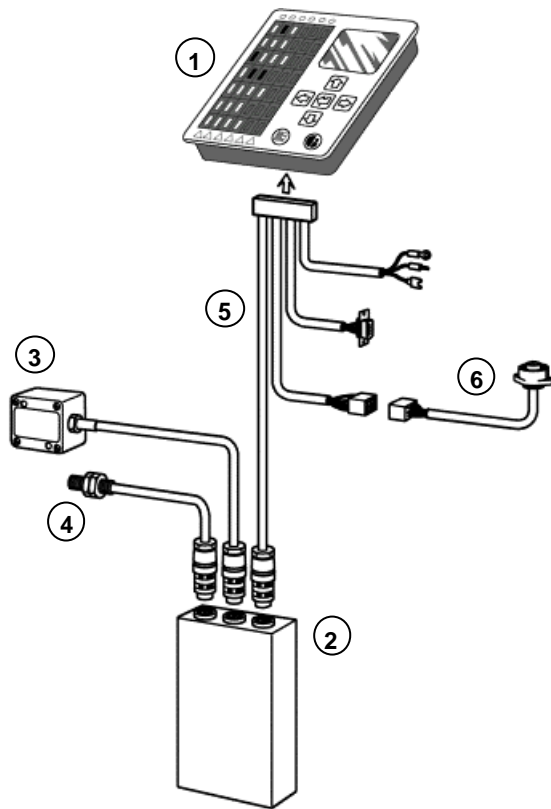
If the **RMV (double jump)** have been too high a yellow diode will indicate this on top of that strip.

Keys

Navigation keys for strip selection and menu control.

Menu key for entering menu mode.

Go key to start recording.

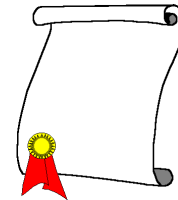


System includes

1. Display Unit
(150 x 145 x 30 mm)
2. Digital Processor
(180 x 105 x 36 mm)
3. A-sensor + Cable
(64 x 58 x 34 mm)
4. I-sensor + Cable
5. Compaction Indicator Cabling
6. CDS System connection Cable

Option: O'Neil microFlash2 Printer

Benefits for the end user



Time and money savings - (Contractor)

- Demarcate quickly weak areas and *guide* necessary improvements !
- *Reduce* the number of *roller passes* by preventing over-rolling !
- A complete picture results in a faster *judgement* of when and where compaction is finished !
- Make the *selection* of representative points for *spot tests* possible, which reduces the number of tests !
- Increase the roller's *lifetime* by early warning of double jumps !

Quality assurance - (Investor)

- Attain a *uniform compaction* !
- *Improve compaction* by preventing re loosening !
- Increase the *confidence* that no further improvements are required, before starting on the *next layer* !
- Increased competence will increase the *motivation* !