

## Using the Minolta Spectrophotometer to take Munsell colour readings

### Setting up the instrument:

1. Connect the instrument to ITRAX PC 2 using the data cable provided and use in conjunction with the SpectraMagic3.60 software.
2. Switch power on (0-1 switch on rear of unit), wait for calibration screen
3. Remove cap, screw calibration disc onto bottom of unit - white disc facing up (if stored properly, calibration disk should already be attached to unit)
4. Take calibration reading – button on rear of unit (3 readings taken automatically)
5. New screen appears. Remove calibration disc, replace cap
6. Press 'Menu'
7. Press 'V' to get to 'Spectral / Munsell' screen
8. First, use 'AVG.' to move '>>' next to 'Spectral', then use 'Λ' to deselect 'Spectral'
9. Press 'AVG.' to move '>>' next to 'Munsell'
10. Press 'Λ' to select 'Munsell' so it is highlighted
11. Press 'Break / Delete' twice to get to Munsell screen

The spectrophotometer is now ready for use.

### Taking measurements:

- Make sure the section you are logging is covered with a fresh piece of cling film.
- Keep the instrument level on the surface of the sediment. **Do not apply pressure.**
- Move the instrument down the core taking measurements at required intervals.

Switch power off when finished.

**IMPORTANT: Please store instrument with calibration disk attached to protect the measurement aperture from damage.**