

8 STEPS FOR USING THE **ACQUIRE** Spectrophotometer

1. Calibrate the Device

When taking the reading of a panel, calibrate the device. Calibrate daily with the white and black standard.

Calibrate in the same environment and conditions of temperature and humidity in which you will measure.

Re-calibrate if conditions change during the day.



4. Temperature conditions

Do not perform measurements on surfaces that have been exposed to direct sunlight for long periods of time.

The temperature and humidity should be identical during device calibration and use.

5. Measure the colour

Every colour shade measurement should be performed at three different measuring angles on the paint surface in the damaged areas if possible, or an adjacent area.

Measurement of multiple vehicles can be captured before connecting the Acquire spectrophotometer to the PC for matching.

2. The surface must be clean

The surface of the colour to be measured must be clean as scratches and dirt considerably reduce the accuracy of the measurement. Remove polish residue prior to taking the reading. *We recommend the use of DuPont Sontara SPS Surface wipes.*

3. Best position for taking the reading

The sample surface should be flat and adjacent to the area to be repaired. Ideally the car should be out of direct sunlight to produce the best results.

6. Colour Search

- Connect Acquire to the PC
- Allow time for colours to download to PC (this may take several minutes)
- Refine search criteria by entering manufacturer,

- code and paint type.
- Select the closest formulation from the list of Best Matches. Once selected, if shaded a reformulation based on the original will be shown.

7. Sample panel for colour comparison

With the formulation identified by the software, you should always produce a spray out card before refinishing and compare it with the colour on the vehicle to make sure of the match.

8. Care and protection of the device

When not in use, the optical measuring head must always be protected with its cover on and in its case. The device must not come into direct contact with solvents or paint materials.