

SOLAR PANEL GLASS

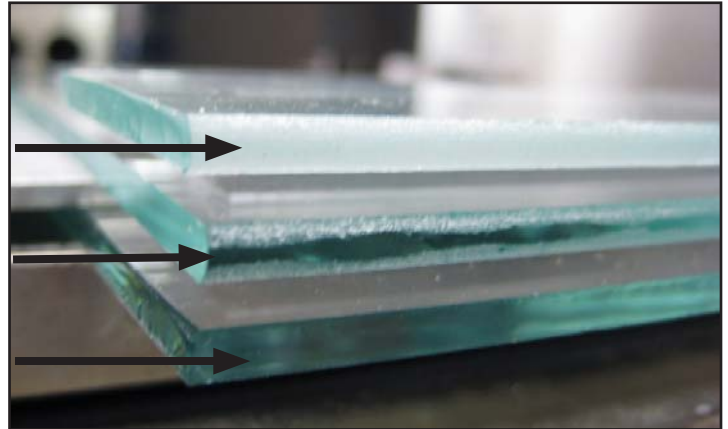
THE PROBLEM

Glass panels are cut to shape from float glass, leaving sharp edges. The sharp edges are then ground to a radius shape, which makes the glass durable and crack resistant. The edges need to be inspected for defective or incomplete grinding and the width of the panel measured to an accuracy of ± 0.75 mm.

Ground Edge of Glass

Defective Edge

Sharp Cut Glass Edge



THE SOLUTION

Measurements have shown that cut glass is 3.5 times more reflective than ground glass. Philtec's RC type sensors provide two outputs: Distance AND Reflectance. Therefore, the RC sensor is able to provide the panel width measure as well as the defect inspection function.

