

The invention relates to an automated system (1) for detecting glass-ceramic materials among a cullet (2), the system comprising at least one white light source (3) and at least one monochromatic ultraviolet light source (4), each being orientated to emit in a same emissions region (11). The system according to the invention comprises an image acquisition device (5) configured to acquire an image of said emission region (11) and an image processing device (6) configured to process each of the images acquired by the image acquisition device (5), the image processing device (6) comprising a colorimetric image processing module (7-17) configured to ensure the detection of the glass ceramic among other types of glass.