

# Access Chamber Scanner

## Description of Process

Working in access chambers, wet wells etc has a OH&S risk factor associated with confined space entry. Kembla's 3D Scanner mitigates this risk by removing the requirement for personnel to enter the access chamber.

The set-up uses a highly sophisticated camera head on a pulley which scans the entire interior of the

access chamber or wet well in a few seconds in one single vertical run. The image data is transmitted digitally to the operator and can be used as a live picture survey for on-the-spot analysis, or saved for assessment in the office by either Kembla or the client's personnel.

## Typical Applications

During desk top analysis the operator can use the scanner software to stop at any position within the chamber, pan 360 degrees, zoom in and out, perform

an image capture and completely analyse the condition of the access chamber.

## Installation

Operation of the camera is via a display and control unit that utilises a cable winch, both of which have been incorporated into a specially designed Kembla truck.

## Available Sizes

Kembla's 3D Scanner can be used for access chambers from 400mm diameter upwards, with a depth of up to 90m. The camera can process 360 degree images from within access chambers at speeds up to 35cm per seconds.

## Specifications

The 3D Scanner uses two high resolutions digital cameras with specially designed distortion-free wide-angle lenses. The diameter of the camera is only 250mm.



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