

# Scottish Health Innovations Ltd (SHIL)

## UNIDENT™ DENTAL STEP WEDGE

UniDent dental step wedge is a radiographic test object that establishes the appropriate x-ray exposure level for adult and paediatric dental examinations. Designed for use with either conventional intra-oral film or with digital detector systems.

UniDent is uniquely different from conventional step wedges in that its steps are individually calculated to simulate the extremes of the intra-oral imaging task. This makes it more sensitive than conventional step-wedges, and only to those changes which are clinically significant, preventing wastage of time and resources.

The unique design means that it can be used not only for quick routine quality assurance checks, but also to determine optimum exposure times for balancing image quality against dose (now a legal requirement in many countries).

UniDent is particularly useful to those establishments making the move from film to digital, as it allows a direct comparison between the diagnostic imaging capabilities of the two modalities: it highlights the effect of using different display and/or image processing functions on the digital systems, thereby helping dentists decide which options to use for their particular imaging needs (e.g. caries detection vs periodontal work).

For further information and to purchase please visit [www.leadstestobjects.com](http://www.leadstestobjects.com)

Please contact SHIL if you would like to:

- Receive information on price and availability
- Place an order
- Request further information on a product
- Enquire about manufacturing, licensing or distribution opportunities
- Receive advice on how to take a project further

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