

# Benefit and saving up

- **Saving labour** directly related too inspection of products. Practically, it is rare for there to be sufficient labour used to give the same degree of quality assurance that an untiring, unfailing IVIS inspection system can provide.
- **Saving time** used to identify component elements at different stages during processing.
- **Reduced energy consumption** due to the highly efficient lighting element used in its construction. Normal supply requirements 1000W.
- **Save management time** using IVIS inspection systems' by provide reliable objective evaluations and consistent checks during inspection.
- **Avoids making scrap material** with its associated raw material wastage and/or re-work costs. Vision-based statistical process control (SPC) can contribute to scrap elimination. Savings in this area can be huge, if only you could persuade people to account properly for scrap costs.
- **Better process understanding** leads to process improvements with financial benefits. IVIS Inspection system gives immediate and objective identification of the problems, making it much easier to determine the possible cause(s).
- **Improved return on investment (ROI)** by increased throughput of saleable product per factory hour. Throughput may *appear* to reduce when IVIS inspection system starts 'Identifying' previously ignored defects. Process improvement and reporting can quickly identify the root cause of the defect.
- **Avoids 'giving away' material** not contractually required to be supplied (baker's dozen syndrome).
- **Avoids adding value to already-defective components** e.g. not producing completed assemblies using a single defective component.
- **Perceived increase in quality by retailers** leads to better promotion, e.g. allocation of more shelf space, or recommendation as a product which will reduce after sales issues.
- **Improved sales** through product quality reputation leading to 'preferred supplier' status for industrial products.
- **Reduced warranty costs** which can far exceed the value of a defective item.
- **Saving labour** when classifying or grading products (natural or manufactured) by quality, size, shape or appearance.
- **Reduce product return costs.** Tracking batch usage with serial numbers means that the minimum number of elements need to be returned in the case of a fault being discovered.
- **Ability to sell in regulated markets** - e.g. automotive, where 'best practice' is mandatory.

