

FIFTEEN FINANCIAL JUSTIFICATIONS

1. Saving labour directly concerned with 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.
2. Saving labour directly concerned with classifying or grading products (natural or manufactured) by quality, size, shape or appearance.
3. Saving time used to identify component elements at different stages during processing.
4. Reduced energy consumption, due to the highly efficient lighting element used in its construction. Normal supply requirements 1000W
5. The IVIS inspection system with its objective evaluation and consistent checks, results in saved management time previously spent on disputes concerned with grading and classification.
6. 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.
7. 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).
8. Increased throughput of saleable product per **factory hour**, hence improvement of return on investment (ROI). Throughput may *appear* to reduce when IVIS inspection system starts 'Identifying' previously ignored defects, but process improvement and reporting can quickly better the situation, ideally taking it to 100% of theoretical production potential.
9. Avoids 'giving away' material not contractually required to be supplied (baker's dozen syndrome)
10. Avoids adding value to already-defective components; e.g. not producing completed sealed units with a single defective panel.
11. Perceived increase in quality by retailers, leads to better promotion, e.g. allocation of more shelf space, or recommendation as a product which will cause no after sales problems.
12. Improved sales through product quality reputation leading to 'preferred supplier' status for industrial products

- 13.Reduced warranty costs, which can far exceed the value of a defective item.
- 14.Reduced product return costs tracking batch usage with serial numbers this means that the minimum number of elements that need to be returned in the case of a fault being discovered.
- 15.Ability to sell in regulated markets - e.g. automotive, where 'best practice' is mandatory.