

SMART PRINTING FAULT DETECTION INSTRUMENT

BACKGROUND

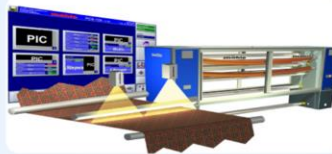
Printing and Packaging industry is the area of enormous business opportunity all over the world as well as in Malaysia. Most of the manufacturer are still using the manual checking system to ensure the quality of buyer's requirements. Moreover, the human eyes can't detect the defects of printed products properly and for this reason, buyer can reject the whole shipment. We offer a viable solution with 100% accuracy inspection for poor printing, stretches, scratches, barcode inspection, identification, inspection and decoding of 1D and 2D codes, Data matrix grade evaluation to improve the production efficiency of any printing/packaging industries.

PRODUCT DESCRIPTION



This device detects the printed products, take images and instantly sends the pattern to the server that will compare it with the initial design and it is ideal for cartons, leaflets, labels, foils, medical equipment and reproducible pack. Therefore, it can detect the printing defects, missing parts of letters, missing or mismatched fonts, missing ink, stains and smudges, streaks, color difference. Then it will take immediate action to stop the production if any defects are found. This action will prevent the production cost and save unnecessary expenses of the manufacturer.

SERVICES

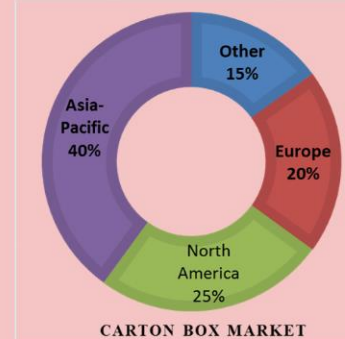


Our product may applicable for other industries such as medical, Food & Beverage industries, agro, glass or plastic medical containers security and surveillance companies, automotive industries, education sector and FMCG industry where this automated inspection systems can play the crucial role post production process. Packing is extremely important part for commercialization of any product where buyer don't want to compromise on its quality.

MARKET OPPORTUNITY



Based on initial market research we have found a potential market to sell our product which is the corrugated carton box manufacturer. These companies are located in diverse locations such as Kuala Lumpur, Batu Chaves, Klang and Petaling Jaya. The market size of corrugated box is depicted in the figure. It can be seen that Asia-Pacific region is still the largest market for this product. Malaysia is located in the heart of Asia which is an ideal place to develop this business. Financially, this is an exclusive business prospect in Malaysia and Asia-Pacific region.



ABOUT US

We are motivated energetic three young engineering entrepreneur who has clear vision, strong passion and technological knowledge to create suitable business model to change the world. We have past working experience, technical expertise and strong commitment to achieve our goal by satisfying our customers