

You will be surprised to know that the first photo booth appeared in 1888 in Baltimore. Photo booths were primarily used for snapping passport photos but with the evolving technology and time the booth has transformed into a modern background which can change colors, moods and have any background where the guests can click photos either solo or with group and get them printed instantly. The modern booths also allow you to share the photos on social media and get instant popularity and hiring a booth from Photo Booth Company will serve the dual purpose of covering the event and at the same time publishing your event to a major audience without much cost.

The rental booths are available on hourly rate from the photo booth company as events usually prolong for a few hours and the use of the booths are highly popular in weddings, teen parties, Bar Mitzvah and other private parties as guests can really express themselves in a photo booth. The booths also come with several facilities such as animated GIF, virtual props, flip book printing, fun costume virtual dressing, slow motion videos, gesture recognition, and many others. The popularity of the <http://query.nytimes.com/search/sitesearch/?action=click&contentCollection&region=TopBar&WT.nav=searchWid> photo booth has also prompted the rental companies to delegate an attendant to help the guests to get on with their photography when they face difficulties.

Next time someone plans a wedding or a birthday party it will be a wise move to hire a photo booth from a rental company nearby so you don't have to do it on your own.

Plasma technology is in use in many industries today. The ease of the technology and the accuracy with which it works has made industries use this method to speed up their processes. Plasma has also made many processes safe for the workers and the environment. As the use spread, equipment using plasma are also freely available at very reasonable prices. This has made the usage more widespread.

Plasma is a state of matter where it exists as ions. This can be achieved by charging certain gases with energy which turns them into plasma. This is done both at very low pressures and normal atmospheric pressures. Depending on the application both methods are used in various industries. The main use of plasma technology is in modifying the surface of a material to make it favorable for certain actions needed in the industry.

As the world becomes more competitive there is a need for better products, lower prices, and cleaner processes. Plasma technology has helped many industries to achieve these and become competitive in the market. It has also helped companies make processes faster. This is why the technology is being adopted by many industries at a very fast pace. The major industries that use this technology are the microelectronics, semiconductor, pharma, printing and automobile industries.

The major use of plasma in industries is used for making a surface favorable for adhesion, bonding, and cleaning. It is used in the printing industry for making the ink adhere to surfaces that don't absorb the ink. Surfaces of highly glossy material don't absorb the ink and hence the printing will not last for long. Plasma treatment makes the surface conducive for the ink to stick to the surface. Printed circuit board industry uses plasma for etching on the copper made printed circuit boards.

The advantage of using plasma is that it doesn't affect the properties of the material on which it is used. It only changes the topmost layer to free molecules and change the surface in a way that it can be used by the industry. The etching was earlier done by acids which didn't result in accurate etching. Acids also could affect the materials if not used carefully and was difficult to dispose of. But plasma does an accurate etching without any danger to the workers or the material.



Plasma activation is a process where the surface of a material is modified in such a way that it accepts ink or glue more readily. Depending on the material and gas used there are different methods of plasma surface activation. When plasma activation is done using Argon gas it is similar to the effect of micro sandblasting. Single atoms from the surface are removed making the surface active and helping the adhesion of paint or glue.

When oxygen is used for plasma activation it reverses the polarity of materials like polypropylene reducing the contact angle of aqueous solutions with high surface tension. Metals are prone to oxidation very quickly. This will reduce their ability to bond or be soldered. When a hydrogen gas plasma is targeted on the surface it will remove the oxidized layer and clean the metal completely.

Many studies have shown that plasma activation is much more superior to other methods. It leaves the material itself unchanged so that the treated surface can be again treated if needed. There are no chemicals in this method and no toxic fumes which means that the impact on the environment is nil.