



ColorMatrix®



3D DIGITIZING

ColorMatrix Group Inc is a global innovator of liquid colorant, additive and dosing technologies for the plastics industry. The company takes a holistic, total package approach to help its customers maximise their production efficiencies and improve both the performance and aesthetics of their products. The company was founded in 1972 in Cleveland, Ohio and today employs over 500 personnel globally. ColorMatrix has research, manufacturing and technical support facilities in Europe, North America, Latin America, and Asia.



One of the company's latest innovations DosiXpress™ is a rapid online color match prediction and delivery system for its advanced liquid colorants. The web based system is simple and easy to use and enables ColorMatrix's customers to accelerate their color development process and order their colorant products directly online for express delivery.



To utilise the DosiXpress™ system, the ColorMatrix customer uses a hand held Spectrophotometer, typically a "Konica Minolta CM-2600d", connected to their pc to measure the color values of a sample they wish to match to. The system then evaluates this match against the colorant palette available from ColorMatrix and offers up to 50 formulation options to the customer to choose from.

Depending on the end use application and the degree of color accuracy required, the customer can select the optimum color match which most closely meets their requirements.

Typical applications for the system include cosmetics packaging, container caps and closures and media packaging. The system is particularly beneficial where short production runs and frequent color changes are required. The DosiXpress™ system now enables ColorMatrix's customers to order any quantity of colorant, any time, anywhere. The system has been showcased at a number of trade exhibitions globally and will be showcased at many consumer packaging exhibitions throughout Europe.

“ In addition to geometric measurements, the digitizer can also document the color texture of objects. The DosiXpress™ system is a revolutionary technique that would not be possible without Konica Minolta's reliable Spectrophotometers. ”

• Dave Chisnall, Project Manager



APPLICATION NOTES