Address	**IQDEMY SWISS SA** 5, Rue du Pas de l´Ours, Crans Montana, 3963, Switzerland
Country	Switzerland

PRODUCTS OR MACHINERY

The UV-LED technology is based on a light-emitting diode as a source of UV radiation for curing. This is a process of instant polymerization of the ink with 385 nm wave-length. UV-LED technology provides perfect adhesion to different both roll-fed and rigid materials. 100 % environmentally friendly technology! No ozone emissions! Printed images are totally eco-friendly and can be used everywhere, even at home without being under apprehension.

LED CURING OFFERS SOME DISTINCT ADVANTAGES OVER THE LAMP SYSTEMS:

It´s safe and reliable. UV-LED provides curing without heat and ozone release. Unlike UV-lamps LED doesn´t contain mercury. There is no need to provide extra protection for equipment and personnel, or to use powerful, expensive ventilation systems.
Wide range of printed media can be used. The "cold" LED light allows direct printing onto media which previously couldn´t be used. Such as thin films and other non heat-resistant materials. It will not warp or melt or otherwise deform expensive media.
It is easy and cheap to use. The UV-LED unit is ready to run almost straight after switching on. There is no need to regularly replace LED units - they´re good more than 40,000 hours. Power consumption by LED is low - so it is possible to save money from less electricity bills.