

WetGate for Scanity HDR

Digital Film Technology

End User: OMNIMAGO

Digital Film Technology GmbH (dft) designs and supplies high-performance film scanning technology to customers world-wide. Renowned for its gentle, non-contact method for handling film material, dft's flagship film scanner, Scanity HDR, scans 2K film at real time speeds, and 4K resolution at up to 15 frames per second – making it ideal for large archive facilities, needing to digitise precious, delicate and damaged materials.

dft created an innovative 'WetGate' solution which is both non-pressure and aquarium in style, which works with Scanity HDR to minimize the appearance of film surface damage. Unlike traditional wetgate systems, dft's innovation makes wet scanning as easy to use as standard dry scanning - combining the speed and gentle film transport of a dry gate with all the advantages of scratch removal of a wet gate. It also enables fast and easy switching between the dry and the wet gate scanning modes.

With the dft aquarium design, in addition to the WetGate chamber, dirt particles are also removed by the fluid in a gate pre-chamber and so the film is even cleaned to a certain extent before scanning starts – combining this benefit with the primary dust and scratch removal process reduces both time and costs substantially.

During the beta development phase, dft worked closely with OMNIMAGO to optimise and productionise the new WetGate system, which is now available worldwide as an option for Scanity HDR.

