

In-situ use of portable x-ray radiographic equipment

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During the last 7-8 years, restorers working outdoor had been helped with the portable X-ray radiographic equipment by the Hungarian University of Fine Arts. Thanks to the mobility of the device, there is great potential for using this system outdoors, indoors or on a scaffolding as well. Tests performed with the device were successful in several cases to measure the structural condition of exterior and interior building ceramics, or screening archaeological in-situ finds, but many times it was also suitable in the survey of canvas or panel paintings, wooden or stone sculptures, applied art ceramics or wooden furniture too. This presentation will report specifically the use of the device outdoors, on buildings, highlighting the examination of building ceramics and in-situ archaeological finds.