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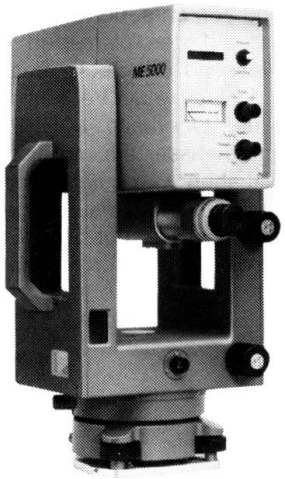
# Yet it does move...

*The surveyor behind Kern's new ME 5000 Mekometer has every right to remember Galileo Galilei's historic words. Dams, for example – as monumentally as they may seem to be implanted in their surroundings – do move. Normally by negligible amounts, but sometimes dramatically.*

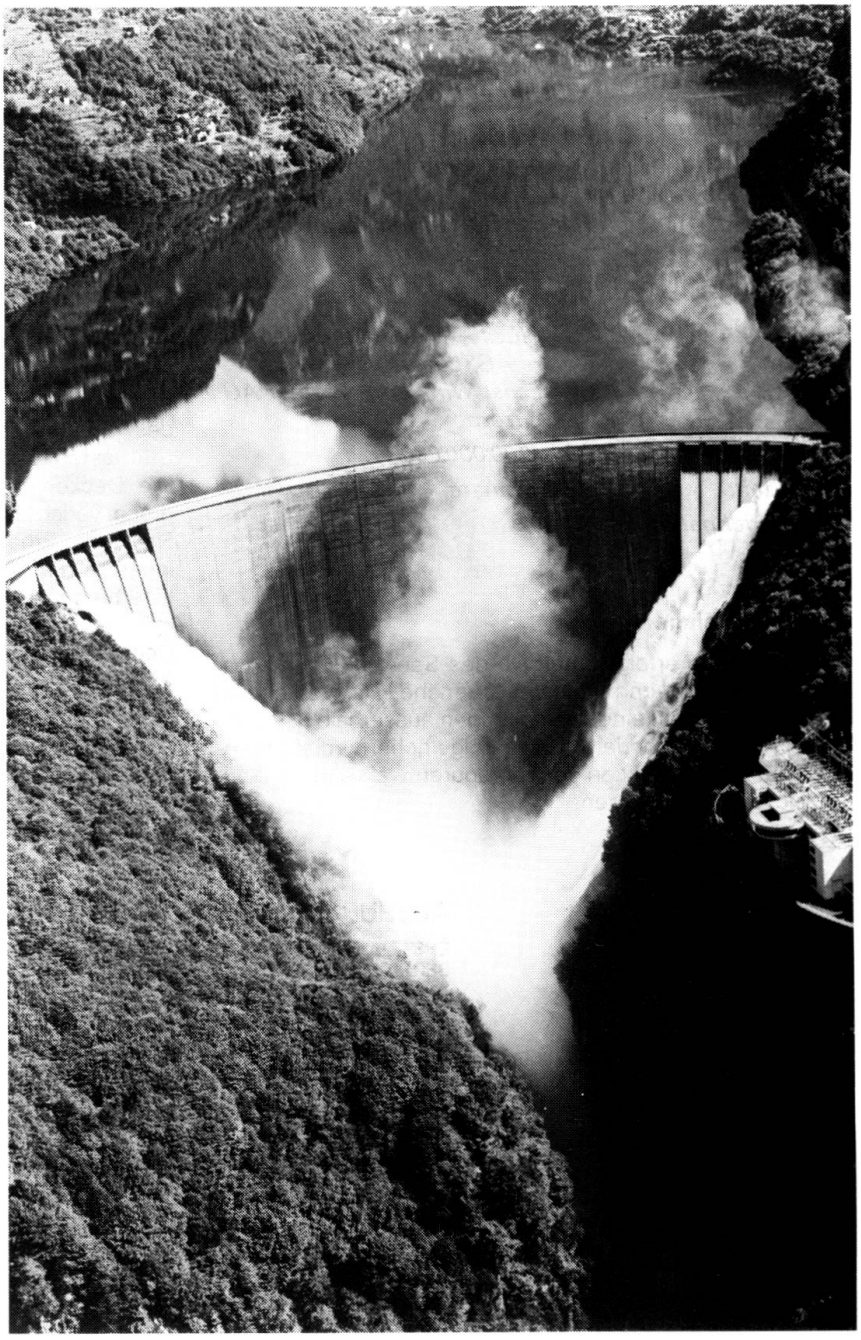
*You can detect shifts to fractions of a millimetre with a Kern ME 5000 precision distance meter. And you get results with the dependability and reliability needed to monitor structures of such magnitude. The new Mekometer conducts measurements completely automatic without an operator's intervention during the measuring cycle. It has a range of up to 8 km.*




*The remarkable accuracy of this instrument – ± (0.2 mm + 0.2 mm/km) – is based on the use of a helium-neon-laser beam and one single crystal for modulation and demodulation. At distances exceeding 200 m, the Mekometer, an 11 kg featherweight, easily outperforms one-second theodolites in point surveys.*

*An RS 232 communications interface makes it possible to record measurements on external media and remotely control the instrument.*

*Yet it does move: a statement that made history. The ME 5000: a precision distance meter that will make history.*



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