

# From piezo actuators to piezo walk drives, PI solutions serving active optics designers

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PI Physik Instrumente, the world leading company in Nanopositioning and Piezo Technology is proud to present a comprehensive panorama of solutions and products suitable for your applications of adaptive and active optics. PI defines since more than 35 years the state of the art of the precision positioning equipment by means of piezo technology offered at different levels of integration from the simple components to the newest piezo walk drives: NexAct<sup>®</sup> and Nexline<sup>®</sup> are the up to date solutions for designers, engineers and physicists with the most demanding exigencies in terms of performances, environmental conditions and integration:

- sub nm resolution with up to 20mm range
- vacuum compatible up to  $10^{-12}$  mbar
- up to 400N active force
- holding position at nm level even when turned off
- no E.M.I.
- ionizing radiations proof
- open and closed loop versions available for easy integration

Technology, catalogue and customized products and specifications will be presented with stress on applicative examples.

