



Strong motion analysis and research tool

ART allows the user of Güralp Systems' strong-motion accelerometers to process and analyse recorded data and export time histories in a number of different strong-motion record formats.

Key Features:

Uncorrected and corrected acceleration, velocity and displacement plots

User-definable limits throughout

Instrument response correction and user-definable time history filters

Fourier amplitude spectra of time history and pre-event data

Arias intensity and energy density plots

Response spectra on linear and tripartite graphs

RMS acceleration and cumulative absolute velocity

Absolute and relative bracketed, significant and uniform strong-motion durations

Particle motion plots in 2 and 3 dimensions

Export uncorrected, corrected and response spectra in Columns, CSMIP, ISESD, K-Net, PEER and SMC formats

