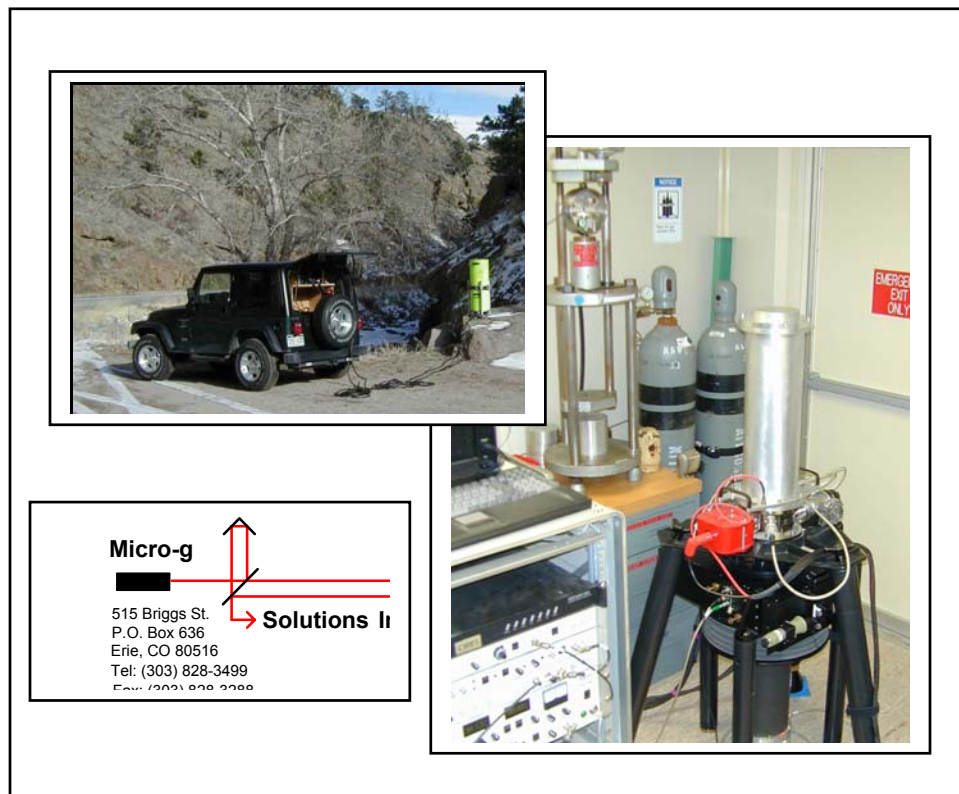


Micro-g Solutions Absolute Gravity Survey and Data Processing Services

Micro-g Solutions now offers a complete suite of absolute gravity survey services, including both observation and data processing, to the geophysical, exploration and metrological communities. Applications include primary control for relative gravity networks, long term vertical deformation and subsidence monitoring, monitoring of underground fluid movement and calibration of inertial navigation and force measurement systems.

- Micro-g provides absolute gravity survey services at outdoor and indoor environments world wide.
- Past survey projects include vertical uplift monitoring in the New Zealand Alps and water flood injection mapping in the harsh arctic environment of the Prudhoe Bay Oil field. Micro-g has provided $2\mu\text{Gal}$ accuracy calibration reference points for high precision metrology and calibration labs located throughout the world.
- Our experienced field scientists and engineers, together with our absolute gravity instrumentation ensure absolute gravity data products are of the highest quality.
- Micro-g's proven "g" absolute gravity data processing software uses advanced data processing techniques. The software ensures that geophysical, environmental and metrological corrections are applied according to strict standards agreed upon by the scientific community. Independent (re)processing of absolute gravity data using "g" is also available.



Micro-g Solutions Absolute Gravity Survey and Data Processing Services

Current Instruments Available for Field Work

Fg5 Absolute Gravimeter:

Absolute Accuracy: $\pm 2\mu\text{Gal}^1$

Measurement Precision: $\pm 1\mu\text{Gal}$

Integration Time to $1\mu\text{Gal}$: 1 Hour

Operation: Indoor and Outdoor Protected Environments

Acquisition: 4hr minimum including setup, occupation and tear down time.

A10 Absolute Gravimeter:

Accuracy²: $\pm 10\mu\text{Gal}$

Measurement Precision: $\pm 5\mu\text{Gal}$

Integration time to $10\mu\text{Gal}$: 5 minutes

Operation: Indoor and Outdoor Exposed Environments

Acquisition: 30min minimum including setup, occupation and tear down time.

All Micro-g field survey instruments use Micro-g's "g" Absolute Gravity Acquisition and Processing Software. The software produces clear detailed reports of all acquisition and processing parameters. Preliminary reports are available immediately on-site. Absolute gravity surveys performed with the Fg5 include determination of the local gravity gradient with a Scintrex CG3™ relative gravimeter³.

Absolute Gravity Data (Re)Processing Services for previously acquired data using Micro-g "g" software are also available.

Previous Customers⁴

British Petroleum Exploration, Alaska
U.S. States Army Metrology Division
National Science Foundation
Scripps Institute of Oceanography
Columbia University
J.I.L.A.

National Imagery and Mapping Agency
U. S. Naval Surface Warfare Center
United States Geological Survey
N.O.A.A.
C.I.R.E.S.

For more information please contact:

John M. Brown – Manager, Survey Services

o. (303) 828 3499 x13

f. (303) 828 3288

e. jmbrown@microgsolutions.com

¹ Based on observations taken at the NOAA Table Mountain Gravity Observatory

² As determined by comparison with an Fg5.

³ Gravity gradient determination also available with A10 surveys.

⁴ Included are both direct and indirect contacts. Reference contacts and example reports are available upon request.