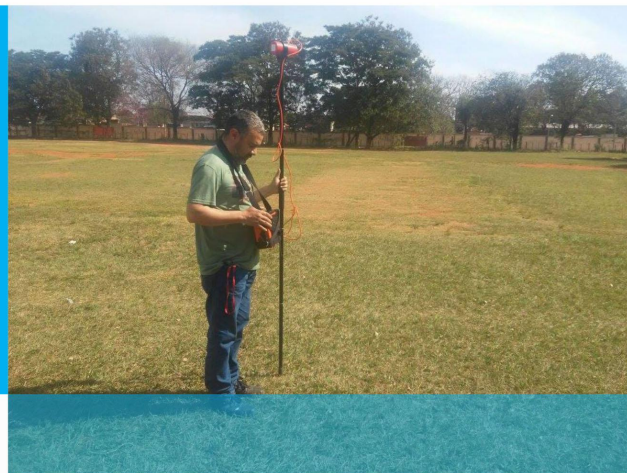


## WCZ-3 Proton Magnetometer

- Support different working modes
- Internal rechargeable battery
- Internal GPS
- Portable and easy operation



### Applications:

- Mineral survey, such as iron ore, lead-zinc ore, copper ore
- Mineral prospecting, mineral ore depth, orientation, and continuity, ore shape, size and scale
- Oil, natural gas survey, related geological structure.
- General survey and local survey, geological mapping
- Base station for aerial and marine magnetic survey
- Fault detection.
- Archaeology.
- Hydrogeology.
- Engineering survey, such as pipe finding.
- Monitoring earthquake auspice, volcano and other environmental disasters.
- Small ferrite body finding.

### Main features:

- Support total magnetic field survey, gradient survey and base station survey
- GPS enables to preset latitude and longitude of the end point in survey lines and calculate the positions of the measuring point automatically, display the real-time position information and the setting point position deviation.
- Build-in clock can be calibrated automatically with GPS time.
- Large display with backlight, which can auto show magnetic curves.
- Isoline and profile can be plotted with professional software
- User-friendly keyboard.
- Easy and portable.



**LANGEO CO., LTD**

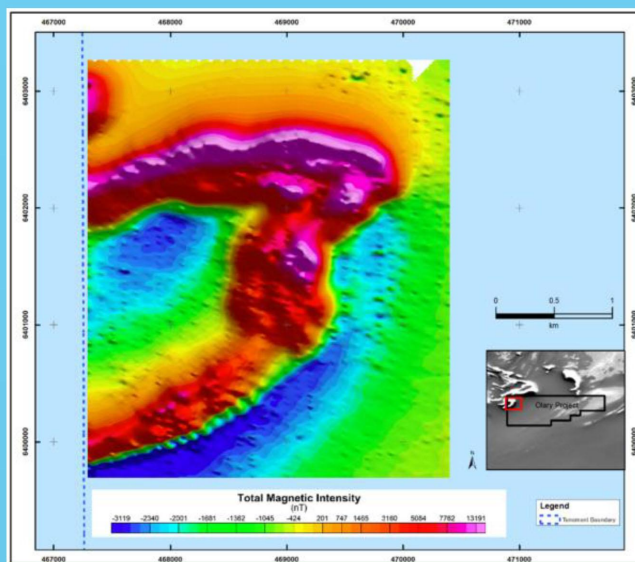
Email: [sales@langeoinstrument.com](mailto:sales@langeoinstrument.com)

Web: [www.langeoinstrument.com](http://www.langeoinstrument.com)

Measuring range:	20,000 nT ~ 100,000nT
Accuracy	$\pm 1\text{nT}$
Resolution	0.1nT
Gradient permitted	$\leq 5,000\text{nT/m}$
Data stored	50,000 , with power-off protection
GPS Positioning accuracy	<2.5m CEP
LCD display	240×128
Keyboard input	22 keys
Port	USB port
Power source	Rechargeable battery 14.5V/3Ah, external power supply optional (12V)
Console dimension	230mm × 155mm × 65mm
Weight	2.5Kg (including battery)
Sensor size	$\varnothing 75\text{mm} \times 155\text{mm}$
Sensor weight	0.8 Kg
Working temperature	-10 °C~+50 °C

## CASE STUDY

Olary iron project mineral resource estimate in South Australia by magnetic method



**LANGE CO., LTD**

Email: [sales@langeinstrument.com](mailto:sales@langeinstrument.com)

Web: [www.langeinstrument.com](http://www.langeinstrument.com)