



# Mineral Process Control (MPC) Pty Ltd

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## MPC's Laboratory Centrifuge LC05



Mineral Process Controls low speed centrifuge has been primarily designed as an accessory for the laboratory performing cyanide extractable gold analyses using our PAL1000 gold assay system, but it can also assist in reducing settling times for pulps generated utilising a bottle roll or tumbler.

Settling times are no longer a problem. Most samples provide enough volume of clear solution for solvent extraction AAS finish in less than 5 minutes.

The machine has a capacity of 52 samples of up to 100mL volume each. It has a 1.2 x 1.2 metre footprint and stands just over 1 metre high with the door closed.

An acceleration of around 280xg is produced at full speed. Typically, however, suitable settling is achieved at considerably lower speeds such as 100 – 200xg.

The centrifuge is designed to use low cost, disposable plastic sample cups.

Machine operating parameters such as speed, acceleration and deceleration times are all fully programmable.

Power requirement for the standard equipment is 240VAC, 50Hz at 10A