

Model	Picture	Detection channel	Soil NPK organic matter	11 trace elements in soil (calcium/magnesium/sulfur/chlorine/silicon/zinc/iron/boron/copper/manganese/molybdenum)	7 heavy metals (chromium/arsenic/nickel/aluminum/fluorine/titanium/selenium)	Total soil organic carbon	Total soil nitrogen	Nitrate nitrogen in soil	Total soil NPK	Soil hydrolyzed nitrogen	Fertilizer NPK organic matter	Fertilizer organic carbon	Fertilizer total nitrogen	Fertilizer nitrate nitrogen	Fertilizer hydrolyzer	Fertilizer biuret	Fertilizer humic acid	Crop NPK	Plant NPK	Fertilizer manganese	Soil 3 parameters (temperature/humidity/salinity) and environmental 6 parameters
PGL-GT1		Inline 6	√	√	√	√	√	√	√	√											
PGL-GT2		Inline 12	√	√	√	√	√	√	√	√											
PGL-GT3		Inline 12	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
PGL-GT4		Inline 18	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
PGL-GT5		Rotary 8	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
PGL-GT6		Rotary 12	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
PGL-GT7		Rotary 12	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

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