

GNR ANALYTICAL INSTRUMENTS



SUPPLY · SERVICE · SOFTWARE

GNR ANALYTICAL INSTRUMENTS UK - web: www.gnranalytical.co.uk - email: info@gnranalytical.com 0115 937 6686

	FE 01 MINILAB 150	FE 10 MINILAB 150	FE 20 MINILAB 150	FE 30 MINILAB 150	FE 40 MINILAB 150	FE 50 MINILAB 150	FE 60 MINILAB 150	FE 70 MINILAB 150
	Fe	Cast Iron	Carbon & Low Alloy	Cr Steel	Stainless Steel	Tool Steel	Free Cutting	Mn-Steel
Al	0.005-1.8	0.005-0.1	0.005-1.8	0.005-0.3	0.005-0.1		0.005-0.1	0.005-0.5
B	0.005-0.1	0.005-0.05	0.005-0.05		0.005-0.1			
C	0.005-4.5	2.0-4.5	0.005-1.3	0.005-2.0	0.005-1.0	0.3-1.4	0.005-1.3	0.005-1.5
Ce	0.01-0.1	0.01-0.1						
Co	0.005-18.0	0.005-0.2	0.005-1.0	0.005-0.2	0.005-0.5	0.05-10.0	0.005-0.2	
Cr	0.005-40.0	0.005-3.0	0.005-5.0	8.0-25.0	5.0-35.0	1.9-5.0	0.005-5.0	0.005-4.0
Cu	0.005-6.0	0.005-1.5	0.005-1.0	0.01-1.5	0.01-6.0	0.01-0.1	0.005-1.0	0.005-0.5
Fe#2	REF	REF	REF	REF	REF	REF	REF	REF
La	0.005-0.03	0.005-0.03	0.005-0.03					
Mg	0.005-0.1	0.005-0.1						
Mn	0.005-20.0	0.02-2.2	0.005-2.0	0.01-2.0	0.05-2.0	0.1-0.5	0.05-2.0	0.1-20.0
Mo	0.005-10.0	0.005-1.2	0.005-2.0	0.01-2.5	0.005-2.5	0.1-10.0	0.005-2.0	
Nb	0.005-1.5	0.005-0.06	0.005-1.0	0.005-1.5	0.005-0.5		0.005-0.5	
Ni	0.005-45.0	0.005-2.6	0.005-5.0	0.1-5.0	4.0-35.0	0.02-0.4	0.005-5.0	0.005-4.0
P	0.005-1.5	0.005-1.5	0.005-0.1	0.005-0.1	0.005-0.1	0.005-0.05	0.005-0.1	0.005-0.1
Pb	0.01-0.3	0.01-0.05	0.01-0.05				0.01-0.3	
S	0.005-0.5	0.005-0.2	0.005-0.1	0.005-0.1	0.005-0.1	0.005-0.05	0.005-0.3	0.005-0.05
Si	0.005-6.0	0.3-3.5	0.005-1.7	0.1-1.5	0.05-1.0	0.1-0.5	0.005-1.7	0.005-1.5
Sn	0.005-0.2	0.005-0.15	0.005-0.1				0.005-0.1	0.005-0.2
Ti	0.005-1.5	0.005-0.2	0.005-0.4	0.005-0.5	0.005-0.3		0.005-0.4	
V	0.005-3.5	0.005-0.4	0.005-1.0	0.01-1.0	0.01-0.8	0.2-3.5	0.005-1.0	0.005-0.3
W	0.005-25.0	0.01-0.1	0.005-0.4	0.05-0.5	0.01-4.0	0.5-22.0	0.05-0.3	
Zn	0.005-0.05	0.005-0.05	0.005-0.02					
Zr	0.005-0.1	0.005-0.1	0.005-0.1					

LIMITS OF DETECTION FOR THE GNR MINILAB 150 in IRON/STEEL BASED MATERIALS