



### Container Sets

A) The standard 100 ml and 50 ml container sets are very hard, abrasion resistant chrome-steel alloy with a proprietary 70 RC hardness and are the most widely used and least expensive. Most other fabricators of similar type metal abrasion applications can achieve only 57 to 63 RC.

B) Tungsten carbide alloy containing 9% cobalt is the hardest composition available. This hard material extends the container life, is extremely abrasion resistant with virtually no contamination when grinding the hardest samples.

GRINDING CONTAINERS	
CATALOG NUMBER	DESCRIPTION
010G-067	Chrome Steel, 50 ml
010G-068	Chrome Steel, 100 ml
010G-069	Chrome Steel, 200 ml
010G-070	Tungsten Carbide, 100 ml

PRECISE, reproducible grinding times are provided by an automatic timer that stops at any selected period up to six minutes. The three phase and single phase 220V/230V models are recommended for heavy duty, continuous operation. The 110V/1 Ph models require a cooling off period between grinds. The -066 model has a 230V/60 Hz/1 Ph input converter and electronic timer control interfaced with a 230V/60 Hz/3 Ph drive.

### TYPICAL GRINDING TIMES

Material	Feed (mm)	Time (Min.)	% Minus 325 Mesh
Chromite*	9	5	100
Silicon	6	1	94
FeSi	16	1	30
CrSi	0.2	2	98
Glass	6	6	100
Cement*	1	5	100
Quartz Sand	3	10	95

\* - Slurry

CATALOG NUMBER	Description	Electrical Requirements
010G-063	Mill Drive Mechanism, Control With Timer	110 V/1 Ph/60 Hz
010G-064	Mill Drive Mechanism, Control With Timer	220 V/1 Ph/50 Hz
010G-065	Mill Drive Mechanism, Control With Timer	230 V/1 Ph/60 Hz
010G-057	Mill Drive Mechanism, Control With Timer	230 V/3 Ph/50 Hz
010G-058	Mill Drive Mechanism, Control With Timer	380 V/3 Ph/50 Hz
010G-059	Mill Drive Mechanism, Control With Timer	230 V/3 Ph/60 Hz
010G-060	Mill Drive Mechanism, Control With Timer	440 V/3 Ph/60 Hz
010G-061	Mill Drive Mechanism, Control With Timer	550 V/3 Ph/60 Hz
010G-072	Sound Chamber	N/A