



**BANBROS ENGINEERING PVT. LTD.**

The Precision Measurement People

# MANUAL METALLOGRAPHIC SPECIMEN ABRASIVE CUT-OFF MACHINE



- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*

**BQG-80C/BQG-100C**

**BQG-60C**



**DESCRIPTION:**

Metallographic sample manual cutting machine is suitable for the cutting of general metallographic and lithofacies sample materials. In order to ensure the sample cutting safety, it adopts totally-enclosed structure. Also it is equipped with cooling water tank for the recycling use of cooling liquid. The shell, jaw, working platform and other main parts are made of stainless steel, which can endure long time working life and is easy to maintain. Therefore it is ideal equipment for sample cutting work.

**FEATURES:**

- BQG-60C/80C/100C Cutting Machine can be used to cut metal sample, electronic components, crystal and mineral materials.
- The machine adopts closed structure, large observation window and use safe.
- Quick clamping mechanism for optional, easy to clamp sample.
- Have a special cooling water tank, for circulating cooling liquid.
- Main components such as jaw and work surface adopts stainless material, long service life.
- BQG-60C machine shell is sheet metal material, QG-80C, 100C machine shell is stainless steel material.

**TECHNICAL SPECIFICATION:**

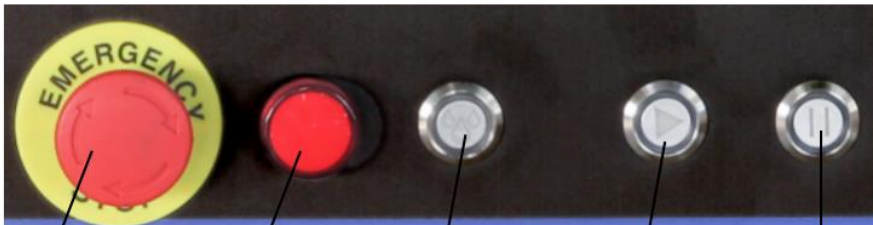
Model No.	BQG-60C	BQG-80C	BQG-100C
Maximum Cutting Section	Φ60mm	Φ80mm	Φ100mm
Cutting Disc	250*2*32mm	250*2*32mm	300*2*32mm
Motor Power	2.2kW	3.0KW	3.0KW
Net Weight	86kg	117kg	120kg
Machine Size	710*645*470mm	650*715*545mm	680*800*820mm
Rotation Speed	2800rpm		
Cutting Room Light	Low voltage dc lighting		
Working Table	T-slot working table, Left - Right double clamp vise		
Power Supply	3 phase 4 lines / 380V, 50Hz		
Cooling System	Outside water cooling system (can work with chiller)		

**Safe & Easy Cutting Design**

- Classic chop cut design, large cutting section
- Abrasive wheel cutting speed faster
- Easy operation & maintenance



- T slot beds and sliding vises structure make hold sample very easy
- Water cooling system protect your sample in good quality
- Abrasive cutting disc easy to change



**Urgent stop  
button**

**Power  
Light**

**Water  
cooling**

**Start  
cutting**

**Pause  
cutting**

- For Model BQG-60C





**Start  
cutting**

**Urgent  
stop**

**Lighting**

**Water  
cooling**

➤ For Model BQG-80C / BQG-100C

**STANDARD ACCESSORIES:**

Item Name	Q'ty	Item Name	Q'ty
BQG-60C / BQG-80C / BQG-100C	1 pc	Drain-Pipe	1 pc
Cooling Water Box (Including Pump)	1 pc	Pipe Clamps	2 pcs
Wrench	2 pcs	Cutting Wheel	2 pcs
Water Inlet	1 pc	Manual Book	1 pc

\* Due to continuous product development, Image & specification can be upgrade.