



**la marzocco**

handmade in florence

## gb5 s preventative maintenance summary (pm kits are available)

### 3/9 month maintenance

Clean and backflush machine

Check portafilter baskets and springs

Replace group gaskets **(H.3.001)**

Replace diffuser screen **(F.3.040)**

Check brew temperature setting

Check brewing pressure

Check expansion valve operation

Test buttons for proper operation

Test flow-rate of each group (ml/30 sec) **G1: \_\_\_\_\_ g G2: \_\_\_\_\_ g G3: \_\_\_\_\_ g G4: \_\_\_\_\_ g**

Test DC Voltage output from brain \_\_\_\_\_ **vDC**

Test flow meter resistance (2.2kΩ +/- 10%) **G1: \_\_\_\_\_ kΩ G2: \_\_\_\_\_ kΩ G3: \_\_\_\_\_ kΩ G4: \_\_\_\_\_ kΩ**

Check steam valves for proper operation

Check fittings and valves for leaks

Clean auto-fill probe

Check vacuum breakers

Inspect drain system

**If ABR:** Confirm scale accuracy with 100g weight. Calibrate scales if necessary

Confirm weight uniformity of portafilters in grams **P1: \_\_\_\_\_ g P2: \_\_\_\_\_ g P3: \_\_\_\_\_ g P4: \_\_\_\_\_ g**

### 6 month maintenance (in addition to the above)

Rebuild steam valves **(1206)**

### 12 month maintenance (in addition to the above)

Replace safety valve (PRV) **(B.2.024)**

Replace steam boiler vacuum breaker **(B.2.029)**

Replace steam valve vacuum breakers **(L192)**

Replace expansion valve **(L140/C)**

Inspect electrical wiring

### check water quality (after filtration sample of water must be taken at the pump)

value	min	max	pre	post	value	min	max	pre	post
T.D.S. ppm	90	150			Total Chlorine ppm	0	0.1		
Total Hardness ppm	70	100			pH	6.5	8		
Total Iron ppm	0	0.02			Alkalinity ppm	40	80		
Free Chlorine ppm	0	0.05			Chloride ppm	0	30		