

**DOSING SHEET  
GRANMATTINO**

<b>Author:</b>	<b>Approved:</b>	
<b>Eprom Date:</b> 12/10/99	<b>Version:</b> Rev.1.2I	<b>Country:</b> Italy
<b>Code:</b> F957100	<b>Model:</b> C4/1	

**SELF-SERVICE VERSION**

DOSE CODE	WATER		INGREDIENT	
	dec.	cc.	d.s.	gr.
CA1 Espresso coffee (bean)	82	40	0	0
CA2 Double Espresso coffee (bean)	102	55	0	0
CA3 Long coffee (bean)	112	60	0	0
CA4 Coffee for white espresso (bean)	82	40	0	0
CA5 Coffee for cappuccino (bean)	82	40	0	0
LA1 White for white espresso	16	25	10	2
LA2 White for cappuccino	35	55	19	4
LA3 White for cappuccino with choc	25	40	19	4
LA4 White for creamchoc	19	30	15	3
KA1 Coffee for cappuccino with choc (bean)	82	40	0	0
KA2 Choc for cappuccino with choc	14	25	6	3.5
KA3 White for tea	0	0	0	0
KK1 Chocolate	50	90	33	21
KK2 Strong chocolate	50	90	42	24
KK3 Choc for creamchoc	33	60	25	16
TE1 Tea black	0	0	0	0
TE2 Tea for white tea	0	0	0	0
DE1 Instant coffee (normal)	23	40	20	1.2
DE2 Instant coffee (large)	32	55	20	1.2
BR1 Soup	0	0	0	0
AC1 Hot water	33	100	0	0
PC1 ½ Jug of coffee (bean)	706	400	0	0
PL1 ½ Jug of whitener	250	400	185	40
PK1 ½ Jug of chocolate	160	400	145	80
PT1 ½ Jug of instant coffee	160	400	97	6
PA1 ½ Jug of hot water	167	500	0	0
PD1 Not used	0	0	0	0
PC2 Jug of coffee (bean)	1412	800	0	0
PL2 Jug of whitener	500	800	370	80
PK2 Jug of chocolate	325	800	290	160
PT2 Jug of instant coffee	325	800	193	12
PA2 Jug of hot water	340	1000	0	0
PD2 Not used	0	0	0	0

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**SELF-SERVICE VERSION**

<b>DEFAULT WATER VOLUMES BY SELECTION</b>	
<b>SELECTION</b>	<b>VOLUME</b>
Espresso	40cc
Double espresso	55cc
Long coffee (bean)	60cc
White coffee (bean)	65cc
Cappuccino (bean)	95cc
Cappuccino with chocolate (bean)	105cc
Chocolate	90cc
Strong chocolate	90cc
Creamichoc	90cc
Instant coffee	40cc
Long instant coffee	55cc
Hot water	100cc

**N.B. The volumes for the ½ and full jugs are shown in the dosing table.**

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**HOTEL VERSION**

DOSE CODE	WATER		INGREDIENT	
	dec.	cc.	d.s.	gr.
CA1 Espresso coffee (bean)	82	40	0	0
CA2 Double Espresso coffee (bean)	102	55	0	0
CA3 Long coffee (bean)	112	60	0	0
CA4 Not used	0	0	0	0
CA5 Coffee for cappuccino (bean)	82	40	0	0
LA1 Whitener	69	110	42	9
LA2 White for cappuccino	35	55	19	4
LA3 White for cappu with choc	25	40	19	4
LA4 White for creamichoc	19	30	15	3
KA1 Coffee for cappu with choc (bean)	82	40	0	0
KA2 Choc for cappu with choc	14	25	6	3.5
KA3 White for tea	0	0	0	0
KK1 Chocolate	50	90	33	21
KK2 Strong chocolate	50	90	42	24
KK3 Chocolate for creamichoc	33	60	25	16
TE1 Tea black	0	0	0	0
TE2 Tea for white tea	0	0	0	0
DE1 Instant coffee (normal)	23	40	20	1.2
DE2 Instant coffee (large)	32	55	20	1.2
BR1 Soup	0	0	0	0
AC1 Hot water	33	100	0	0
PC1 ½ Jug of coffee (bean)	706	400	0	0
PL1 ½ Jug of whitener	250	400	185	40
PK1 ½ Jug of chocolate	160	400	145	80
PT1 ½ Jug of instant coffee	160	400	97	6
PA1 ½ Jug of hot water	167	500	0	0
PD1 Not used	0	0	0	0
PC2 Jug of coffee (bean)	1412	800	0	0
PL2 Jug of whitener	500	800	370	80
PK2 Jug of chocolate	325	800	290	160
PT2 Jug of instant coffee	325	800	193	12
PA2 Jug of hot water	340	1000	0	0
PD2 Not used	0	0	0	0

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**HOTEL VERSION**

<b>DEFAULT WATER VOLUMES BY SELECTION</b>	
<b>SELECTION</b>	<b>VOLUME</b>
<b>Espresso (bean)</b>	<b>40cc</b>
<b>Double espresso (bean)</b>	<b>55cc</b>
<b>Long coffee (bean)</b>	<b>60cc</b>
<b>Whitener</b>	<b>110cc</b>
<b>Cappuccino (bean)</b>	<b>95cc</b>
<b>Cappuccino with chocolate (bean)</b>	<b>105cc</b>
<b>Chocolate</b>	<b>90cc</b>
<b>Strong chocolate</b>	<b>90cc</b>
<b>Creamichoc</b>	<b>90cc</b>
<b>Instant coffee</b>	<b>40cc</b>
<b>Long instant coffee</b>	<b>55cc</b>
<b>Hot water</b>	<b>100cc</b>

**N.B. The volumes for the ½ and full jugs are shown in the dosing table.**

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**INGREDIENT DELAY**

**The default ingredient delay is 0.6 seconds.**

**OTHER INFORMATION:**

**The software monitors the temperature of the whitener ingredient motor.**

**ALTERNATIVE SELECTIONS**

**BLACK TEA IN PLACE OF INSTANT COFFEE**

**Set the water and powder doses for instant coffee in DE1 & DE2 to 0**  
**Set the water dose for tea in TE1 to 57 (100cc)**  
**Set the powder dose for tea in TE1 to 4 (0.5g)**  
**Set the water dose for tea white in TE2 to 37 (70cc)**  
**Set the powder dose tea white in TE2 to 4 (0.5g)**  
**Set the water dose for whitener for tea in KA3 to 19 (30cc)**  
**Set the powder dose for whitener for tea in KA3 to 10 (2g)**

**SOUP IN PLACE OF INSTANT COFFEE**

**Set the water and powder doses for instant coffee in DE1 & DE2 to 0**  
**Set the water dose for soup in BR1 to 96 (120cc)**  
**Set the powder dose for soup in BR1 to 80 (10.5g)**  
**Disable selection 8**

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### SELECTION COMPOSITION

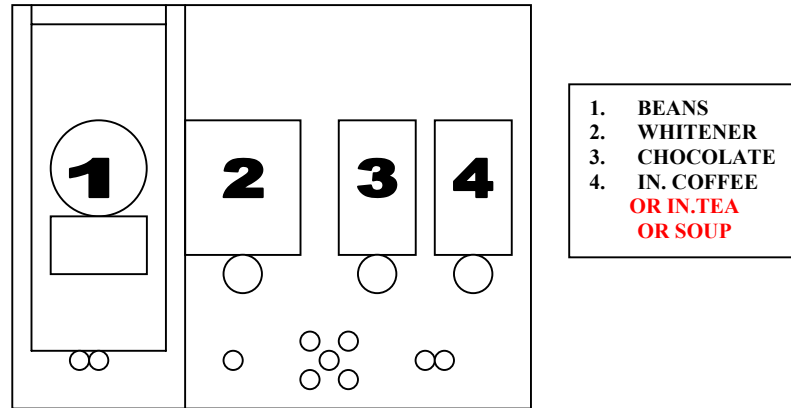
SELECTION	BASE			1 <sup>st</sup> ADDITION			2 <sup>nd</sup> ADDITION	
	Water	Powder 1	Powder 2	Water	Powder 1	Powder 2	Water	Powder
Espresso	CA1	CA1	-	-	-	-	-	-
Double espresso	CA2	CA2	-	-	-	-	-	-
Long coffee	CA3	CA3	-	-	-	-	-	-
White coffee **	CA4	CA4	-	LA1	LA1	-	-	-
Cappuccino	CA5	CA5	-	LA2	LA2	-	-	-
Cappu with choc	KA1	KA1	-	LA3	LA3	-	KA2	KA2
Chocolate	KK1	KK1	-	-	-	-	-	-
Strong chocolate	KK2	KK2	-	-	-	-	-	-
Creamichoc	KK3	KK3	-	LA4	LA4	-	-	-
Instant coffee	DE1	DE1	-	-	-	-	-	-
Long in.coffee	DE2	DE2	-	-	-	-	-	-
Hot water	AC1	AC1	-	-	-	-	-	-
½ jug coffee	PC1	PC1	-	-	-	-	-	-
½ jug whitener	PL1	PL1	-	-	-	-	-	-
½ jug chocolate	PK1	PK1	-	-	-	-	-	-
½ jug in.coffee	PT1	PT1	-	-	-	-	-	-
½ jug hot water	PA1	PA1	-	-	-	-	-	-
Jug coffee	PC2	PC2	-	-	-	-	-	-
Jug whitener	PL2	PL2	-	-	-	-	-	-
Jug chocolate	PK2	PK2	-	-	-	-	-	-
Jug in.coffee	PT2	PT2	-	-	-	-	-	-
Jug hot water	PA2	PA2	-	-	-	-	-	-

\*\* In the Hotel version white coffee is replaced by whitener and only uses LA1.

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### CANISTER LAYOUT



### MINI-DIP SETTINGS

<b>MACHINE VERSION</b>		<b>DIP 1</b>	
HOTEL		OFF	
SELF-SERVICE		ON	
<b>ELECTRICAL SUPPLY</b>		<b>DIP 2</b>	
THREE PHASE		OFF	
SINGLE PHASE		ON	
<b>MACHINE VERSION</b>	<b>DIP 3</b>	<b>DIP 4</b>	
INSTANT WITH 5 CANISTERS	OFF	OFF	
ESPRESSO	ON	OFF	
INSTANT WITH 4 CANISTERS	ON	ON	
<b>PAYMENT SYSTEM</b>	<b>DIP 6</b>	<b>DIP 7</b>	<b>DIP 8</b>
NONE	OFF	OFF	OFF
VALIDATOR (single vend)	ON	OFF	OFF
VALIDATOR (multi-vend)	OFF	ON	OFF

**N.B. MINI-DIP 5 IS NOT USED AND SHOULD BE OFF.**