

Stocktaking in memsec EPoS

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Categories

Categories in MemSec EPoS serve a number of purposes. From the point of view of till operation they are the first step in finding an item to ring it in – even the least experienced of bar staff ought to know the difference between a draught beer, a spirit and a soft drink and so can navigate the first step in finding the right button to press. What unites the items in a category is their nature and the size(s) they're sold in. This means that the measurements for one product in a category are highly likely to be identical to the others, or if they're not the variation will only be in one aspect. In other words while you may have a specialist spirit that comes in 50cl bottles rather than the standard 70cl, or you will sell some wines by the glass and others just by the bottle both spirits will be sold in the same measures and the wines all bought by the bottle. Therefore we can define a range of measurements that will apply to each category. These have to cover all aspects of purchase and sale and so need to be based around a smallest unit that allows us to record purchases and sales as accurately as necessary.

As with all aspects of operating your MemSec EPoS system, this is entirely at your discretion. Again taking draught beers as an example we have customers who choose to measure their beers down to 1/100 of a fluid ounce (so that a pint of lager top contains 18.35 fluid ounces) and others who are happy to round things to half a pint (half a shandy = half a pint). It's important to recognise that neither option, or any in between, is more right or wrong than any other – you decide how you want to approach it. The level of accuracy you

require will be the single most important factor. In most instances we will have set defaults for your categories that are fairly universal when we created your database. Below is a table showing the defaults we usually apply for common drink categories (please note that the quantities are all in the smallest unit with the exception of the second count measure, which indicates how many of that measure make a whole count unit):

Category	Smallest Unit	Bought in	Counted in	Then	Sold in
Draught Beer	Fluid Ounce	11 Gallon Keg = 1760, 9 Gallon Firkin = 1440	Gallons = 160	Pints = 8 Or Tenths = 10 Or None	Pint = 20 Half Pint = 10
Wine	Millilitre	75cl Bottle = 750	75cl Bottle = 750	Tenths = 10 Or None	Bottle = 750 Large Glass = 250 Medium = 175 Small = 125
Spirits	Millilitre	70cl Bottle = 700 1.5 litre bottle = 1500 Litre Bottle = 1000	70cl Bottle = 700	Tenths = 10 (some customers use Shots = 28)	Single = 25 Double = 50 (as cocktail ingredient = 10,12.5, 25, 37.5 etc)
Soft Drinks/Bottled Beers	Each	Case 24 (48,36,15,12,8)	Each (some stocktakers count Dozens)	(some stocktakers use tenths of a dozen)	Each

It's important then to include all possible measures for a category in order to be able to accommodate all the products that you'll sell in that category. Mostly these will fit to a similar template but occasionally there will be an exception. Examples are the 50cl bottle of spirit mentioned above, or energy drink being sold by the half can. By including these measures in the category we can ensure that those exceptions can be properly handled. Category measures can be added at any time. The above table is by no means comprehensive and new measures are appearing all the time (30l and 50l kegs for beers, 750cl bottles of spirit etc) so it's important to be able to add these as they occur. Of course, each new measurement used has to be capable of being expressed in the smallest units for its category. In most instances these will follow naturally, such as the number of millilitres in a bottle but there are likely to be more awkward mixes such as beer kegs in litres where the number of fluid ounces isn't a round number. It is important to get this ratio correct for every product and delivery size. You can call us for help with any unusual sizes or popular search engines are an excellent means of finding out volumes (just search for 'imperial fluid ounces in *n* litres').

Below is a table of the most common delivery sizes and their ratio in terms of the usual smallest measures for the type of product that comes in those sizes.

Delivery Size	Product Type	Smallest Units	Ratio
11 Gallon Keg	Draught	Fluid Ounces (imperial)	1760
22 Gallon Keg	"	"	3520
9 Gallon Firkin	"	"	1440
50 Litre Keg	"	"	1760
30 Litre Keg	"	"	1056
4.5 Gallon Pin	"	"	720
70 cl Bottle	Spirits	Millilitres	700
1 litre Bottle	"	"	1000
1.5 litre Bottle	"	"	1500
50 cl Bottle	"	"	500
35 cl Half Bottle	"	"	350
Case 6 (70cl)	"	"	4200
Case 12 (70cl)	"	"	8400
75cl Bottle	Spirits, Wines	"	750
Case 6 (75cl)	Wines	"	4500

Case 12 (75cl)	“	“	9000
Magnum	(Sparkling) Wines	“	1500

There are two other types of product typically included in a drink stocktake; bottled products and post mix. Bottled products are usually delivered in cases containing variable quantities of bottles – most commonly 24 but anything from 8 up to 48 can be found. Post mix boxes will vary both in volume of syrup (7, 10, 12 litres) and the resulting volume of product (ratio can be 4:1, 5:1, 6:1 or even 7:1). Remember to add the two sides of the ratio up before multiplying by the volume of syrup to get the volume of product, so for example a 10 litre box with a ratio of 5:1 will make 60 (5+1=6,6x10=60) litres of product.

As well as allowing for purchase measurements you need to include any measurements that might be used in a category for both stocktaking and selling.

Stocktake measures are sometimes identical to the purchase measure, sometimes to the (first) retail measure and sometimes are separate measures. The table below shows some common stocktake size configurations.

Product Type	Smallest Measure	Stocktake Measure	Ratio	Stocktake Subunit	Number of Subunits
Draught	Fluid Ounce	Gallons	160	1/10 th	10
“	“	Gallons	160	Pints	8
“	“	Pints	20	N/A	N/A
Spirits	Millilitres	70cl	700	1/10 th	10
“	“	“	“	Shots	28
“	“	Shots	25	N/A	N/A
Wines	Millilitres	75cl	750	1/10 th	10
Wines (sold by bottle only)	“	“	“	N/A	N/A
Bottled Products	Each/Bottle	Each/Bottle	1	N/A	N/A
“	“	Dozen	12	Each/Bottle	12
“	“	“	“	1/10 th	10
Post Mix	Millilitres	Box	?	1/10 th	10
“	“	Litres	1000	1/10 th	10

Finally then the retail measures, or how you'll sell the products within a category. The UK Government website has some specific requirements that under the Weights and Measures Act must be fulfilled for certain drink types;

2. Specified quantities

Some goods must be sold in fixed sizes known as 'specified quantities'.

Alcohol

There are different rules depending on whether you're selling by the glass or bottle.

By the glass

Type	Measures
Still wine	125ml, 175ml, multiples of 125ml and 175ml
Port, sherry or other fortified wine	50ml, 70ml, multiples of 50ml or 70ml
Gin, rum, vodka and whisky	Either 25ml and multiples of 25ml, or 35ml and multiples of 35ml (not both on the same premises)
Draught beer and cider	Third, half, two-thirds of a pint and multiples of half a pint

There are no specified quantities for sparkling wine or yellow wine by the glass or spirits other than gin, rum, vodka and whisky.

You can find out more at <https://www.gov.uk/weights-measures-and-packaging-the-law/specified-quantities>

The table below again shows the most common examples of retail measures and their respective volumes.

Product Type	Retail Measure	Smallest Units	Ratio
Draught	Pint	Fluid Ounces (imperial)	20
"	Half Pint	"	10
"	4 Pint Jug	"	80
"	Schooner	"	13.33
"	1/3 Pint	"	6.67
Spirits	Single	Millilitres	25 or 35 (cannot be mixed on a single premises)
"	Double	"	50 or 70 (cannot be mixed)
Wines	Bottle	Millilitres	750
"	Small Glass	"	125
"	Medium Glass	"	175
"	Large Glass	"	250
Fortified Wines	Glass	Millilitres	50 or 70
Post Mix	Pint	Millilitres	568
"	Half Pint	"	284
"	16oz Glass	"	467
"	14oz Glass	"	398
"	Dash/Splash	"	70-150

continued

Below are some screen shots reflecting how the above combinations might appear in your Categories screen.

Draughts:

Category Name: Draught Beers

Main Details

Default SMALLEST Sale Measure: Fl.oz. Stock Group: Drink

This is a non-stock category (smallest sale measure will be used for all measurements.)

Default Purchase Measure	11 Gallon Keg	Default No. of FLOz.s Per 11 Gallon Keg	1760
Default Stock Take Measure	Gallon	Default No. of FLOz.s Per Gallon	160
Default Stock Take Sub Unit	1/10th	Default No. of SUB Units Per Stock Take Unit	10
1st Retail Measure	Pint	No. of FLOz.s Per Pint	20
2nd Retail Measure	Half Pint	No. of FLOz.s Per Half Pint	10
3rd Retail Measure	None Selected		
4th Retail Measure	None Selected		
5th Retail Measure	None Selected		

Category Name: Cask Ale

Main Details

Default SMALLEST Sale Measure: Qtr Pint Stock Group: Drink

This is a non-stock category (smallest sale measure will be used for all measurements.)

Default Purchase Measure	9 Gallon Keg	Default No. of Qtr Pints Per 9 Gallon Keg	288
Default Stock Take Measure	Gallon	Default No. of Qtr Pints Per Gallon	32
Default Stock Take Sub Unit	1/10th	Default No. of SUB Units Per Stock Take Unit	10
1st Retail Measure	Pint	No. of Qtr Pints Per Pint	4
2nd Retail Measure	Half Pint	No. of Qtr Pints Per Half Pint	2
3rd Retail Measure	None Selected		
4th Retail Measure	None Selected		
5th Retail Measure	None Selected		

Wines:

Category Name: Red Wine

Main Details

Default SMALLEST Sale Measure: Ml **Stock Group:** Drink

This is a non-stock category (smallest sale measure will be used for all measurements.)

Default Purchase Measure	Bottle	Default No. of Mls Per Bottle	750
Default Stock Take Measure	Bottle	Default No. of Mls Per Bottle	750
Default Stock Take Sub Unit	1/10th	Default No. of SUB Units Per Stock Take Unit	10
1st Retail Measure	Bottle	No. of Mls Per Bottle	750
2nd Retail Measure	250ml	No. of Mls Per 250ml	250
3rd Retail Measure	175ml	No. of Mls Per 175ml	175
4th Retail Measure	125ml	No. of Mls Per 125ml	125
5th Retail Measure	None Selected		

Category Name: Champagne & Sparkling Wine

Main Details

Default SMALLEST Sale Measure: Ml **Stock Group:** Drink

This is a non-stock category (smallest sale measure will be used for all measurements.)

Default Purchase Measure	Bottle	Default No. of Mls Per Bottle	750
Default Stock Take Measure	Bottle	Default No. of Mls Per Bottle	750
Default Stock Take Sub Unit	(None)	Default No. of SUB Units Per Stock Take Unit	0
1st Retail Measure	Bottle	No. of Mls Per Bottle	750
2nd Retail Measure	125ml	No. of Mls Per 125ml	125
3rd Retail Measure	None Selected		
4th Retail Measure	None Selected		
5th Retail Measure	None Selected		

Spirits:

Category Name:	Spirits		
Main Details			
Default SMALLEST Sale Measure	MI	Stock Group:	Drink
<input type="checkbox"/> This is a non-stock category (smallest sale measure will be used for all measurements.)			
Default Purchase Measure	70cl	Default No. of Mls Per 70cl	700
Default Stock Take Measure	70cl	Default No. of Mls Per 70cl	700
Default Stock Take Sub Unit	1/10th	Default No. of SUB Units Per Stock Take Unit	10
1st Retail Measure	Single	No. of Mls Per Single	25
2nd Retail Measure	Double	No. of Mls Per Double	50
3rd Retail Measure	None Selected		
4th Retail Measure	None Selected		
5th Retail Measure	None Selected		

Bottles:

Category Name:	Bottles		
Main Details			
Default SMALLEST Sale Measure	Each	Stock Group:	Drink
<input type="checkbox"/> This is a non-stock category (smallest sale measure will be used for all measurements.)			
Default Purchase Measure	Case 24	Default No. of Eaches Per Case 24	24
Default Stock Take Measure	Case 24	Default No. of Eaches Per Case 24	24
Default Stock Take Sub Unit	Each	Default No. of SUB Units Per Stock Take Unit	24
1st Retail Measure	Each	No. of Eaches Per Each	1
2nd Retail Measure	None Selected		
3rd Retail Measure	None Selected		
4th Retail Measure	None Selected		
5th Retail Measure	None Selected		

Post Mix:

Category Name:	Post Mix		
Main Details			
Default SMALLEST Sale Measure	MI	Stock Group:	Drink
<input type="checkbox"/> This is a non-stock category (smallest sale measure will be used for all measurements.)			
Default Purchase Measure	Box	Default No. of Mls Per Box	60000
Default Stock Take Measure	Box	Default No. of Mls Per Box	60000
Default Stock Take Sub Unit	1/10th	Default No. of SUB Units Per Stock Take Unit	10
1st Retail Measure	Half Pint	No. of Mls Per Half Pint	284
2nd Retail Measure	Pint	No. of Mls Per Pint	568
3rd Retail Measure	Dash	No. of Mls Per Dash	71
4th Retail Measure	None Selected		
5th Retail Measure	None Selected		