



Checkit Comparator

Correct use of the Comparator

Delivering simplicity and affordability through innovation.

Please follow the procedure detailed below. It is imperative that you use the correct test cells viewing through the hazy side of the cell. Round cells give inaccurate readings and are not recommended.

CHECKIT COMPARATOR					
Components of the Checkit Comparator					
	10ml plastic cells	Crushing Rod	Disks	Comparator	Instructions
	1 Take the comparator and with it facing you insert the appropriate disk. Ensure the disk is inserted with its name facing you.		2 Only use the plastic 10 ml cells with the hazy side facing you. The checkit comparator range is designed for use with the hazy side forwards.		3 Using other types of cells will affect the accuracy of the result. Do not use any other type of 10ml cell.
	4 Remove caps and fill both cells to the 10ml mark with the sample to be tested. Cap one cell only, this is to be used as the BLANK.		5 Place the first capped cell BLANK in the left side of the comparator. Ensure that the cell is placed in the comparator with the hazy side towards you.		6 To the other cell which is the SAMPLE add the test reagents as detailed in the appropriate instruction sheet.
	7 After the addition of the reagents cap the second SAMPLE cell. Place in the right hand side of the comparator.		8 If detailed on the instruction sheet, wait the development time and then hold the comparator towards a light source.		9 Rotate the wheel until you obtain a colour match and read the result in ppm displayed in the bottom right of the comparator.

Range of Comparator disks

Aluminium as Al (0-0.3ppm), Ammonia as N (0-1ppm), Bromine as Br (0-5ppm), Chlorine LR as Cl₂, Chlorine HR as Cl₂ (10-300ppm), Chlorine Dioxide as ClO₂, Copper as Cu (0-1ppm), DEHA (0-0.5ppm), Iron LR as Fe (0-1ppm), Iron HR as Fe (1-10ppm), Manganese as Mn (0.1-0.7ppm), Molybdate as MoO₄ (0-100ppm), Molybdate HR as MoO₄ (50-500ppm), Nitrate LR as NO₃ (0-0.5ppm), Nitrate HR as NO₃ (10-100ppm), Ozone as O₃ (0-0.7ppm), pH (4-10), Phosphate LR as PO₄ (0-4ppm), Phosphate HR as PO₄ (0-80ppm), Silica LR as SiO₂ (0.25-4ppm), Sodium Hypochlorite (2-18%), Zinc as Zn (0-1ppm).