



TEST KIT ALKALINITY P & M

Determination of alkalinity P & M. Range 0 - 400 ppm.

FEATURES & BENEFITS

- Easy to use
- Reliable & accurate results
- Easy management & storing design
- Uniform reagent consumption
- Reagents in exact quantities making the kit normal-post sendable

PRODUCT DESCRIPTION

TEST KIT ALKALINITY P & M is suitable for measuring alkalinity P & M in any boiler type. Designed to accompany ALKALINITY CONTROL in high-pressure boilers and BOILER TREAT COMBI or BOILER TREAT ONE SHOT in low- and middle-pressure boilers.

BOILER TESTING PACK: <ul style="list-style-type: none">• TEST KIT ALKALINITY P & M• TEST KIT CHLORIDE• TEST KIT OXYGEN/HYDRAZIDE DEHA• TEST KIT PHOSPHATE (high-pressure boilers)• TEST KIT TOTAL HARDNESS• REAGENT PH-PAPER 0-14	NUMBER OF USES: Between 150 - 187 RECOMMENDED USE WITH: ALKALINITY CONTROL* BOILER TREAT COMBI* BOILER TREAT ONE SHOT* <i>*Above chemicals should not be used in conjunction</i>
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TEST KIT ALKALINITY P & M contents:

- 1x 65 ml Plastic Test Bottle
- 1x 10 ml Syringe
- 1x 30 ml PA1 Indicator
- 2x 30 ml PA2 High Range Titrant
- 1x 30 ml TA4 Indicator

For product characteristics and for the nature of special risks and safety advice consult our MSDS.
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DIRECTIONS FOR USE

1. Fill the test jar to the 20 ml mark with cooled sample.
2. Add 4 drops of reagent PA1. The sample should turn pink. If it does not, terminate the test and report a result of zero.
3. Add drops of reagent PA2 one at a time with gentle mixing until the pink colour disappears. Count the number of drops used.
4. Each drop is equivalent to 40 mg/l P-alkalinity, expressed as CaCO_3 .
5. Retain the sample after the alkalinity test as this may be used for the chloride determination if required.
6. Total alkalinity (as CaCO_3): for total alkalinity, replace reagent PA1 with TA4 in step 2. Colour change in step 3 is from blue to orange.

Drops of reagent PA2	P-alkalinity as mg/l CaCO_3	Refer to "Treatment Guides" for ideal concentration, general information only is stated below
1	40	Low alkalinity; increase product dose to achieve additional 100 mg/l P-alkalinity
2	80	
3	120	
4	160	Correct P-alkalinity level
5	200	
6	240	
7	280	Reduce by increased blowdown
8	320	
9	360	
10	400	

For best boiler maintenance, testing should be performed daily.

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