V 1.0 Aug 2020

Product Specification Sheet

ReAkta Safety Knife | KN31R580*MB

ReAkta with turn-key in situ

ReAkta Safety Knife

The ReAkta is a re-usable metal detectable safety knife, featuring an auto-retracting stainless steel blade. The blade locks in the ‘out’ position whilst a controlled cut is being made. If the knife is jerked, shaken, or dropped, the blade will auto-retract. The body of the ReAkta is made from metal detectable glass filled nylon plastic, which is detectable by correctly calibrated in line metal detection systems.
The knife also features a simple turn-key to unlock the knife for blade changing. Ideal for rubber materials, cables, thick card, packaging. The standard ReAkta knife has a plastic blade carrier and the heavy duty ReAkta knife has an aluminium blade carrier.

ReAkta Knife Advantages

- ✓ Detectable by in-line metal detection systems
- ✓ Visible blue colour for easy visual identification
- ✓ Multi-functional knife ideal for rubber, cables, thick card and packaging
- ✓ Easy blade change and cleaning procedure
- ✓ Moulded in tough glass filled nylon
- ✓ Auto retracting blade minimises the risk of injury and drawing blood
- ✓ Can be used as part of HACCP and BRC procedures
- ✓ Displays due diligence in the prevention of foreign body contamination

Product and Packaging Information

Standard ReAkta	KN31R5805MB	**Heavy Duty ReAkta**	KN31R5808MB
Blade Carrier	Detectable Plastic	**Blade Carrier**	Aluminium
Weight	0.10kg	**Weight**	0.15kg

Pack Size	1	**Casing Material**	Nylon
Colour	Blue	**Detectability**	Metal Detectable
Dimensions	167 x 50 x 18mm	**Commodity Code**	82119300

Replacement Blade Packaging Information

Straight Blade	KN35BL5S2M1	**Material**	Stainless Steel
Rounded Blade	KN35BL5BS2M1	**Material**	Carbon Steel
Pack Size	10	**Commodity Code**	82119400

Safety Certificates / Approvals

BRC Compliant	ISO 9001:2015	Made In Britain

BRCGS In Partnership with ISO 9001:2015 MADE IN BRITAIN

Blade Change Information

Ensure the switch is in the ‘unlock’ position. Turn the locking button a quarter turn to the left, the button will then pop up but will not lift out of the knife body. Slide top half of the knife body back. Reverse or replace the blades. Ensure switch is in the lock position when knife is not in use

Metal Detectability

The ReAkta safety knives are moulded from an electromagnetically detectable plastic compound. The detectability of these materials will vary based upon the metal detection systems being used and their calibration. All components of this safety knife are manufactured from metal detectable polymers or stainless steel, making the product fully metal detectable. Detectability performance will vary based on, but not limited to the following factors:

- Calibration Levels
- Product Type (E.g. Wet, Dry, Frozen, Liquid)
- Aperture Dimensions
- Orientation

Orientation is a highly influential factor for the metal detectability of a contaminant that is non spherical, i.e. it will be easier to detect the contaminant when passing in one orientation compared to another - this is known as the orientation effect.

For this reason BST recommend that all our products be thoroughly tested on your metal detection systems by a trained and certified professional. It may be the case that your equipment needs to be re-calibrated in order to reliably detect this product. Such a professional should be available by contacting the manufacturer of your metal detection system.

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