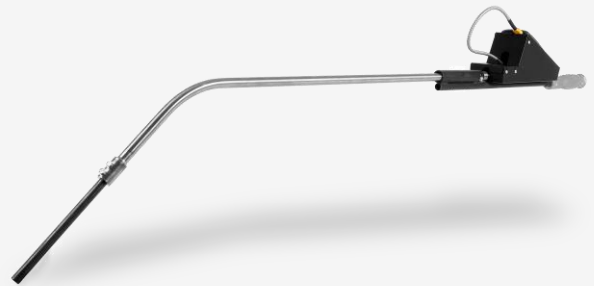


⌘ Marshall

The genuine

Advantages

- Extremely low costs per temperature reading
- Can be used up to 1350° C
- Quick response time due to the thin wall at the hot tip
- Several hundred measurements in aluminium, excellent durability in
- Bronze, brass and copper (-alloys)
- Easy to use and lightweight design
- Excellent resistance to chemical corrosion of molten aluminium and copper (alloys)



Description

The ready for use MARSHALL temperature sensor is a combination of a high temperature resistant steel tube, covered with a thin graphite coating and assembled with a thermo wire. The element can be used directly and without pre-heating. A MARSHALL thermo-element consists of a chromium-steel tube type SS 446 / DIN 1.4749 and two type 'K' (NiCr/Ni) thermo wires. These elements are simple to connect, very economical and easy to use with the lightweight lance and optional digital pyrometer.

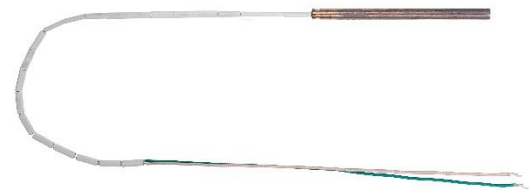
The hot junction is welded into a small diameter tip. Because of the wall thickness of only 3 mm at this sensible point, very quick temperature readings can be made. The solid construction of the assembly guaranties a very good service life. Through this combination of quick response, long service life and low price MARSHALL became the very well reputed market-leader he is today, the best in his class and reported to be superior.

Types:

type 501-T-8-"Y" for 8" / 203 mm tip with wire lengths from 31" / 790 mm up to 120" / 3050 mm

type 701-T-"X"-"Y" for tips from 12" / 305 mm up to 36" / 915 mm with wire lengths from 31" / 790 mm up to 120" / 3050 mm

type MT-"X"-6 for tips from 12" / 305 mm up to 36" / 915 mm with a wire length of 6" / 150 mm,



Standard lengths

Various dimensions, for further info please see list with sizes.

Marshall

Application:

Aluminium- and copper (alloys), dip measurements and continuous temperature sensing for primary aluminium and copper, in troughs, (crucible-) furnaces, filter-boxes and many more

Max. temp:

1300 - 1350° C for dip measurements

850° C for continuous temperature sensing

Preheating:

Not required

Protection tube:

Oxidised chromium steel type SS 446 / DIN 1.4749

Element:

Type K (NiCr/Ni) CLASS 1, max. tolerance 0,4 %.

Also available with Certificate of Conformity

Colour-code:

Green (+), white (-)

Connection tube:

The element is fixed in lance with one screw

Connection element:

Two U-clips at the end of the wire

MT-versions are WITHOUT U-clip

Order quantity:

5 pieces = 1 packing unit

Order information:

EXAMPLE - type 501-T-8-43 = 203 mm tip and 1100 mm wire

Type 701-T-12-55 = 305 mm tip and 1400 mm wire

Type MT-24-6 = 610 mm tip and 150 mm wire

Accessories:

EXAMPLE - type 501-EX-43 = lance bend version for 1100 mm elements

Type 101-EX-72 = straight lance for 1830 mm elements

Type 501-PG = plastic grip

Type 501-AG = aluminium grip

FLUKE 51-II = digital temperature device

SRS Amsterdam B.V.

Dusartstraat 23
1072 HM Amsterdam
The Netherlands

Tel: +31 (0)20 -6935209

Mail: info@srsamsterdam.com

Web: www.srsamsterdam.com

© 2023 SRS Amsterdam B.V. Version 202310V2A
All rights reserved. This publication or any portion thereof may not be reproduced or used in any manner whatsoever without the express written permission of the publisher.