



COMPOUND BARS – bi-metal strips

Cat: HL0880-001 (no handle) HL0881-001 (w/handle) HL0883-001 (w/handle)

GENERAL DESCRIPTION:

The 'IEC' compound bars are available either with or without a handle. The handle is stainless steel for poor heat conductivity and is welded to the active part of the device.

The IEC 'compound bar' is made from two metals of different heat expansion coefficients bonded together face to face as if it were one single strip of metal. We make sure that the two bonded metals are different colours so the user can see that they are definitely different metals. Many compound bars are made from different metals but it is very common that both metals have a silver appearance and this is confusing to teachers and students alike.

When the strip is heated over a flame, the different expansion coefficients cause the metal to bend strongly. The metal with the higher expansion is always on the outer surface of the bend.

HL0881-001

HL0883-001

HL0880-001



Physical size:

Weight: kg

| Code | Blade size | Handle | | |
|------------|----------------|--------|--|--|
| HL0880-001 | 150x12.5mm LxW | No | | |
| HL0881-001 | 150x12.5mm LxW | Yes | | |
| HL0883-001 | 100x12.5mm LxW | Yes | | |

NOTE: We do not supply a short blade without a handle because it requires pliers to hold it in the flame and there is a risk of dropping it and hurting a student.

Designed and manufactured in Australia by Industrial Equipment and Control Pty Ltd

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