

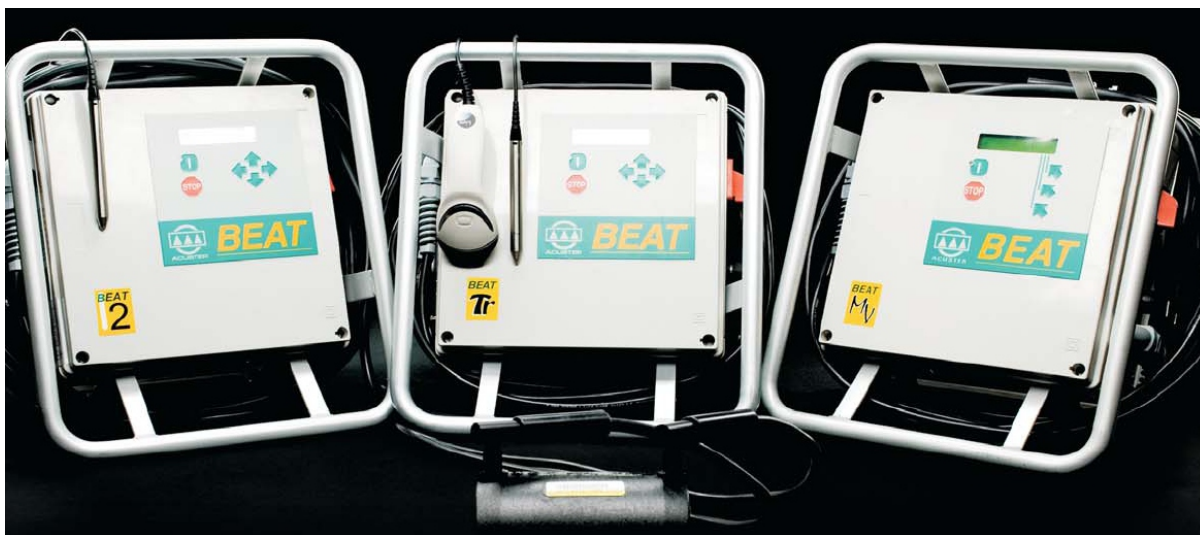
Машини за електрофузионно заваряване BEAT

Машини за електрофузионна заварка-модели и спецификации

BEAT -MV: Машина за електрофузионно заваряване с ръчно въвеждане на данните (волтаж и време).

BEAT -2: Машина за електрофузионно заваряване с автоматично въвеждане на данните от баркода на фитинга, посредством оптичен писец (стандартно) или скенер (опция).

BEAT -Tr: Машина за електрофузионно заваряване, автоматична, с която е възможно съхраняването във вътрешната памет на цялата информация относно оператора, вида заварка, всички участващи компоненти, параметри както и крайния резултат от заваръчния процес. Всички регистрирани данни могат лесно да бъдат прехвърлени посредством USB-A към карта с памет или директно експортирани към персонален компютър чрез USB-B или серийна връзка. Съхранената информация може да бъде директно принтирана или показана на дисплея.



Electrofusion machines-Models and specifications

BEAT -MV: This is a manual unit in which the operator has to enter the fusion data (VOLTAGE AND TIME) provided by the fittings manufacturer.

BEAT -2: This includes the option for the automatic entry of the fitting data using the barcode system through the reading taken by the optic pen (standard) or scanner (optional).

BEAT -Tr: This is the top of the BEAT range model. It includes the features of the above models plus the option for traceability, i.e. maintaining the identification of the operator, job, components, fusion records and complementary data in the internal memory, as well as the option for exporting the said data to a PC and printer. This specification is required on markets as demanding as the gas market. As with the rest of the range, it is very easy to use, heavy duty, small, lightweight and, therefore, easily transported. Despite its small size, its performance level is very high.

Машини за електрофузионна заварка-Приложения

За полиетиленови тръби и свързването им с всякакви фитинги, конструирани за електрофузионно заваряване.

За волтаж между 8 и 48 V без ограничение в диаметрите и за електрофузионни пинове от 4 или 4,7 мм.

Работно налягане: според определеното за фитинга

Beat електрофузионни машини се доставят с комплект пинове 4 и 4,7 мм.



Beat electrofusion unit - Applications

On PE pipes, it allows the jointing of all kinds of polyethylene fittings by electrofusion. Voltages between 8 and 48 V with no limitations to diameters and with electrofusion pins of 4 and 4.7 mm. Working pressures: As determined by the fittings. The units in the Beat range are fitted with all the elements for electrofusing any fitting on the market. Consequently, the 4 mm and 4.7 mm connection adapters are supplied with the unit.

TECHNICAL SPECIFICATIONS

	BEAT-MV	BEAT-2	BEAT-Tr
Classification according ISO 12176-2	P ₂ 4US ₁ VKX	P ₂ 4US ₁ VKAX	P ₂ 4US ₁ VKADX
Languages	Multilingual (consult available languages)		
Date/Time	Manual		
Operator	-	-	Manual + barcode according to ISO 12176-3
Job	-	-	Manual + barcode according to ISO 12176-4
Auxiliary data	-	-	Manual + Barcode
Traceability	-	-	Manual + barcode according to ISO 12176-4
Mains voltage	195 Vac a 265 Vac. =ominal voltage: 230 Vac		
Mains frequency	45 Hz a 65 Hz. =ominal frequency: 50 Hz		
Electrofusion voltage	8 a 48 Vac with galvanic isolation		
Power consumption	3500 W maximum		
Recommended generator	Power: 4,5 kVA single phase; electronic regulation		
Protection fuse	Exterior from 20 A a 230 Vac		
Protection type	Double isolation IP54 / AR series: Double isolation IP43		
Duty factor	20 to 100% (according to fitting diameter); Serie AR: 40 a 100% Electronic unit temperature control		
Temperature of use	Information, with no limits (recommended according to ISO 12176-2 de -10 a 40°C)		
Display	LCD, 2 lines x 20 characters, backlit		
Buzzer	Piezoelectric buzzer		
Manual input of fusion data	Voltage: Multi voltage / Time: Up to 5.940 seconds (99 minutes)		
Automatic input of fusion data	-	Barcode according to ISO/TR 13950	
Internal memory capacity	-	-	~ 1000 fusions
Front, keyboard and frame	Distinctive green front with tactile sensation membrane pushbuttons, tubular frame angled at 20°		
Other specifications	Smooth start-up and warning in case of voltage failure on start-up		
Mains cable	3 x 2,5 mm ² (Schuko plug) 4 m length		
Electrofusion cables	1x10 mm ² with a length of 4 m (4 mm diameter terminals)		
Optic pen /scanner		Unintelligent infrareds. Optional laser scanner	
Connection for optic pen, scanner, PC and serial printer	-	Combined TTL	TTL / special RS-232 combined
Accessories	Rear bag for electrofusion adapters of 4 and 4,7 mm		
	-	Optic pen / scanner	
Optional	-	-	ODS transmission cable (PC and printer connection) / Serial printer
Dimensions and weight	Height: 425 mm; width: 370 mm; depth: 230 mm / =et weight: 23 kg		