



caleva

OPTIONS

LABORATORY AND PRODUCTION

CALEVA

MIXER TORQUE RHEOMETER

Enhance the utility of your equipment and increase your chance of success by considering these options

OPTIONS AND COMPANION EQUIPMENT



OPTIONS

✓ HALF BOWL/BLADE OPTION SET

Where it is preferred to use smaller sample sizes a half sized bowl can be used. With the smaller bowl a sample size of about 20 g of formulated material can be used. This will be useful when the product under test is rare or very expensive, or if the consistency of the product is rather high and smaller samples will facilitate the work.



✓ WATER JACKET ON FULL SIZE OR REDUCED SIZE MIXING BOWLS

Some experimental work might benefit from product that is either heated or cooled in the MTR mixing bowl. A water jacket for heating or cooling can be offered on both the full size and the reduced size bowls.

Caleva can also provide a heating and cooling system if required but if the customer wishes they can source this from their normal supplier.

✓ LOAD CELL CALIBRATION WEIGHTS

The load cell on the instrument requires calibration from time to time (such as after moving from one location to another). To carry out a load cell calibration the operator will require a set of stackable weights. The weights should total 2 kg and must be divisible as follows: 0.2 kg, 0.6 kg, 1.1 kg, 1.6 kg, 2.0 kg.

Weight sets are generally available in most laboratories. Our experience has been that most users prefer to use or supply their own weights. If a set of weights is not available then we can provide a set of calibrated weights in either brass or stainless steel as an option. Please contact us for price and availability.

VALIDATION AND TRAINING

✓ INSTALLATION AND TRAINING AT THE CUSTOMER SITE

○ Training within the UK

Including one day installation and training and two days travelling.



○ Training in any other European country

Including one day installation and training and two days travelling. All travel and subsistence costs are included.

○ Training outside Europe

Including one day installation and training and up to four days travelling depending on the location.

CALEVA MIXER-TORQUE-RHEOMETER

Includes installation, commissioning and training at customer site of up to one day, but does not include IQ/OQ which is chargeable separately. The customer will assist with local transport for the Caleva technician if required. The customer will supply the consumable products required. Trained electricians will be provided by the customer if required (generally not required). Installation does not include any alteration to the customer site and does not include installation or connection of any electrical (or other) services.



The customer will be responsible for the unpacking and location of the machines at the user site. This is not included in any quotation or offer.



If more than one item is purchased then training can be done together for other equipment with considerable savings in cost. Contact us for details.



FACTORY ACCEPTANCE TEST AT THE CALEVA SITE

We make our own quality check before the extruder is shipped (a copy is supplied to the customer) and thus a separate FAT is not normally necessary but can be completed with the customer if required. The customer will be responsible for all his or her expenses incurred in getting to and from the Caleva site.



CUSTOMER TRAINING AT THE CALEVA SITE (OVERSEAS CUSTOMERS)

Training is recommended if the Mixer Torque Rheometer is new to the company or if new staff would benefit from it. Contact us for details.

Customers from outside the UK will be collected at any London main airport and transferred to our site. Accommodation and all meals for one trainee whilst with us in UK. Transport to and from the Caleva site is included. Any extras (such as phone calls etc.) at hotel are for guest's account. One night bed & breakfast in a London hotel before return flight to home country can be included if requested. Up to two days training (as required) at the Caleva site on customer's own equipment prior to shipment.

Transport to and from the customer's own country to London main airport is not included and is for the customer's account.

- **If more than one item is purchased then training can be done together with considerable savings in cost. Contact us for details.**

✓ **VALIDATION AND IQ/OQ DOCUMENTATION PACKAGE**

Recommended if required for regulatory purposes.

- **At Caleva site:** The IQ/OQ package can be completed at the Caleva site by us as far as possible. The customer can attend if he or she wishes to do so at their own cost. An additional set of blank documents will be provided to allow the customer to re-do the IQ/OQ in their own facility.
- **At customer site:** IQ/OQ and installation completed at the customer site at the same time as installation and training (training will be charged separately).
- **Note: there may be additional country-specific charges depending on location. Contact us for details.**

✓ **MATERIAL CERTIFICATES INCLUDED IN IQ/OQ**

In line with current standards Caleva does not automatically supply copies of material certificates for product contact parts. Caleva can provide free of charge a certificate naming the product contact parts and confirming that we or our suppliers can provide full traceability to original certificates if this is requested.

- **If certified copies of material certificates are required then these can be provided at an additional cost.**

TALK TO US

Please call us without obligation

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Cert No. 1503
ISO 9001