

# On Site Services

## High Speed Dynamics (HSD)

Type 9966B31-1...  
SAP: 44002410

HSD on site services are unique and specifically designed to support and train customers in all HSD segments like internal and external Ballistics, Air Blast or Energetic Material Applications worldwide.

HSD On Site Services provide:

- Ballistic, Air Blast and Electrical Fundamentals
- HSD measuring chain and production test solutions examples
- On site installation and commissioning (if required)
- Technical training (e.g. sensor handling and installation)
- On site production testing – setup and solutions (advice on equipment, tools and setup procedures for daily work)
- Training of Ballistic Transient Recorder and SW or other specific DAQ Systems
- Demonstration and live test with equipment
- On site post-warranty services and troubleshooting

### Description

In case of an installation request, the delivered materials will be properly installed and commissioned by Kistler experts. Together with the customer, the newly installed system can be tested.

The participants will be trained to execute the daily measuring tasks. In addition, the full range of capabilities with Kistler hardware and software will be shown to respond correctly to upcoming challenges.

Depending on the chosen training duration, in depth installation procedures, software training, field setups, verification, calibration or other requests can be fulfilled.

### Application

The service is available for all applications within HSD.

### Ballistics

Services for ammunition production testing according to C.I.P. or NATO standards for small and medium calibres can be provided.

### Air Blast

Dynamic pressure measurement for free field air blast measurements can also be trained, including sensor handling and a basic software training.



### Energetic Materials

In the Automotive Process Control section, training solutions for Airbags and Pyrotechnical devices, such as ignitors, inflators, seatbelt retractors or even closed vessel applications can be provided.

### Planning

In order to optimally plan the trainings, lead time is 3 months.

Note: This service doesn't include any equipment other than training material.

### Service content

Organized/performed by	Kistler	Customer
Definition of the installation/training location		X*
Organizing equipment for installation or training		X*
Organizing the necessary infrastructure	X	X*
Installation	X	X
Training	X	
Commissioning of installation (if required)	X	

\* Kistler supports the customer in this process before the installation/training. Please ask our sales representative for a checklist.

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This information corresponds to the current state of knowledge. Kistler reserves the right to make technical changes. Liability for consequential damage resulting from the use of Kistler products is excluded.

**Ordering key\***

Type 9966B31-1-

**Travel costs**

Special travel costs	<b>00</b>
Continental (1 Instructor)**	<b>11</b>
Intercontinental (1 Instructor)**	<b>12</b>
Continental (2 Instructors)**	<b>21</b>
Intercontinental (2 Instructors)**	<b>22</b>

**Number of training or installation days**

Special installation/training	<b>00</b>
1 day installation/training (1 instr.)	<b>11</b>
2 days installation/training (1 instr.)	<b>12</b>
3 days installation/training (1 instr.)	<b>13</b>
4 days installation/training (1 instr.)	<b>14</b>
5 days installation/training (1 instr.)	<b>15</b>
1 day installation/training (2 instr.)	<b>21</b>
2 days installation/training (2 instr.)	<b>22</b>
3 days installation/training (2 instr.)	<b>23</b>
4 days installation/training (2 instr.)	<b>24</b>
5 days installation/training (2 instr.)	<b>25</b>

**Material transport**

No material transport	<b>00</b>
Measurement equipment (continental)	<b>01</b>
Measurement equipment and system (continental)	<b>02</b>
ATA Carnet (continental)	<b>03</b>
Measurement equipment (intercontinental)	<b>04</b>
Measurement equipment and system (intercontinental)	<b>05</b>
ATA Carnet (intercontinental)	<b>06</b>

\* If more than 1 or 2 trainer/specialist is required, conditions may change.  
\*\* Definition is based on location in Switzerland (CH) or local specialist.

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