



Product Code

UTS-0300	Front Loading Oedometer (Consolidation)
UTS-0302	Bench for Consolidation, 3 Oedometer Capacity
UTS-0307	Consolidation Cell for High Pressure, Ø 50 mm
UTS-0309	Consolidation Cell for High Pressure, ASTM Ø 63.5 mm (2.5")
UTS-0313	Consolidation Cell for High Pressure, BS/EN, Ø 75 mm
UTS-0315	Consolidation Cell for High Pressure, Ø 101,6 mm (4")
UTS-0320	Consolidation Cell for High Pressure, Ø112,8 mm
UTGM-0120	Analog Dial Gauge, 30x0.01 mm
UTGM-0148	Digital Dial Gauge 25x0.01 mm, LCD display
UTGM-0152	Digital Dial Gauge 12.7x0.001 mm, LCD display
UTGM-0060	Linear Potentiometric Displacement Transducer, 10x0,001mm
UTGM-0062	Linear Potentiometric Displacement Transducer, 25x0,001mm
UTGM-0072	High Accurate Strain Gauge Based Displacement Transducer, 10x0,001 mm
UTGM-0078	High Accurate Strain Gauge Based Displacement Transducer, 50x0,001 mm
UTCU-0320	Interface Unit with 4 Channel for Data Acquisition
UTCU-0325	Interface Unit with 8 Channel for Data Acquisition
USOFT-0300	Utest Software for Consolidation Test



UTS-0300

Standards

BS 1377:5; ASTM D2435, D3877, D4546; AASHTO T216;
CEN ISO/TS 17892-5

The UTS-0300 Front Loading Oedometer is rigidly constructed to ensure minimum frame distortion. The frame is designed to load the specimen through a lever arm assembly and one of three alternative beam ratios as 9:1, 10:1 and 11:1. The beam is fitted with a counter balance weight and beam support jack. The cell platform will accept the complete range UTEST consolidation cells and is fitted with a central spigot to ensure accurate centering of the cell under the loading.

The UTEST fixed ring consolidation cells are manufactured from corrosion-resistant materials and conform to the requirements of the relevant standards. An integral water reservoir is incorporated in the cell which allows the specimen to be inundated when required. All cells are supplied complete with upper and lower porous disc, pressure pad and cutting (specimen) ring.

The One-dimensional Consolidation test is used to determine the consolidation characteristics of soils of low permeability.

Tests are carried out on specimens prepared from undisturbed samples. Data obtained from these tests together with classification data and a knowledge of the soils loading history, enables estimates to be made of the behavior of foundations under load. Consolidation cell, dial gauge or displacement transducer and data logger, bench, weights, apparatuses for prepare Consolidation samples and calibration disc should be ordered separately.



UTS-0300

The screenshot shows the 'Kontenübersicht' (Account Overview) window in SAP. The window title is 'Kontenübersicht - 100'. The main area displays a table of accounts. The table has columns for 'Konto' (Account), 'Währung' (Currency), and 'Saldo' (Balance). The 'Konto' column lists various accounts, including 'Konto 1', 'Konto 2', 'Konto 3', 'Konto 4', 'Konto 5', 'Konto 6', 'Konto 7', and 'Konto 8'. The 'Währung' column shows 'USD'. The 'Saldo' column shows '0000.0'. The table is sorted by 'Konto' in ascending order. The 'Kontenübersicht' window is open, showing a list of accounts. The 'Kontenübersicht' window is open, showing a list of accounts. The 'Kontenübersicht' window is open, showing a list of accounts.

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- The screenshot shows the 'Graphical Analysis' software interface. The window title is 'Graphical Analysis'. The top menu bar includes 'File', 'Options', 'Graph', 'Data', 'Statistics', 'Window', and 'Help'. Below the menu is a toolbar with icons for file operations and graphing. The main area is divided into several panels. On the left is a 'Data Table' with columns for 'Time (s)' and 'Position (m)'. The top center features a 'Digital Readout' showing '0.0000'. To its right are 'Units' and 'Origin' settings. The center contains two graph windows: 'Graph: Position (m)' and 'Graph: Velocity (m/s)'. Both graphs show data points and a fitted curve. The bottom panel contains 'Regression' statistics, 'Slope' and 'Intercept' values, and 'Goodness of Fit' statistics.

The screenshot shows the 'New' form for a 'Sales Order' in Microsoft Dynamics CRM 2011. The form is titled 'New Sales Order' and includes a 'Save' button at the bottom right. The form is divided into several sections:

- Header Information:** This section contains fields for 'Name', 'Number', 'Date', and 'Status'. The 'Name' field is currently empty, while 'Number' is set to '1000', 'Date' is '10/10/2011', and 'Status' is 'Open'.
- Sales Order Details:** This is a table with columns for 'Item', 'Description', 'Quantity', and 'Price'. It is currently empty.
- Sales Order Summary:** This section contains fields for 'Total Amount', 'Tax', and 'Grand Total'. The 'Total Amount' is '100.00', 'Tax' is '0.00', and 'Grand Total' is '100.00'.

The form also includes a 'Save' button at the bottom right and a 'Cancel' button at the bottom left.

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Dimensions	750x850x1400 mm (3 pcs UTS-0300 + UTS-0302+UTS-0376 +Accessories)
Weight (approx.)	180 kg (3 pcs UTS-0300 + UTS-0302 + UTS-0376 +Accessories)



Product Name	UTS-0307 (Ø 50 mm)	UTS-0309 Ø 63,5 mm (2,5")	UTS-0313 (Ø 75 mm)	UTS-0317 Ø101,6 mm (4")	UTS-0321 Ø112,8 mm
Spare Cutting Ring	UTS-0308	UTS-0312	UTS-0314	UTS-0318	UTS-0322
Upper and Lower Porous Disc	UTS-0330	UTS-0331	UTS-0333	UTS-0335	UTS-0338
Calibration Disc, stainless steel	UTS-0339	UTS-0341	UTS-0343	UTS-0345	UTS-0347
Apparatus for Prepare Cons. Sample	UTS-0358	UTS-0359	UTS-0360	UTS-0362	UTS-0364

Sets of Weight for Consolidation

UTS-0368	16 kgf Set	(2) 5 kg	(1) 2 kg	(2) 1 kg	(3) 0,5 kg	(2) 0,25 kg	-----
UTS-0370	32 kgf Set	(1) 10 kg	(3) 5 kg	(2) 2 kg	(1) 1 kg	(3) 0,5 kg	(2) 0,25
UTS-0372	50 kgf Set	(3) 10 kg	(2) 5 kg	(3) 2 kg	(2) 1 kg	(3) 0,5 kg	(2) 0,25
UTS-0374	64 kgf Set	(4) 10 kg	(3) 5 kg	(2) 2 kg	(3) 1 kg	(3) 0,5 kg	(2) 0,25
UTS-0376	80 kgf Set	(6) 10 kg	(2) 5 kg	(3) 2 kg	(2) 1 kg	(3) 0,5 kg	(2) 0,25



UTS-0348

Code	Slotted Weight
UTS-0380	125 g
UTS-0382	250 g
UTS-0384	500 g
UTS-0386	1 kg
UTS-0388	2 kg
UTS-0390	5 kg
UTS-0392	10 kg
UTS-0394	4 kg
UTS-0396	8 kg