

Title of Technology to be offered	Portable Automated Ball Indentation (PABI) Device for evaluating mechanical properties of materials
Type of Technology	It is an Instrument designed, developed and fabricated at NML
Area of Technology	Non-destructive testing (NDT)
Details of Collaborating Agency	Developed with the collaboration of BARC, Mumbai Technology has been transferred to DUCOM Pvt. Ltd., bangalore
Uses	To evaluate key mechanical properties of metallic components/materials either in-situ or in loaboratory
Salient Features	<ul style="list-style-type: none"> ➤ Can be used for in-situ application; ➤ Requires small amount of test materials for laboratory application; ➤ Avoids fabrication of complicated test specimen as required in conventional test; ➤ Relatively rapid compared to conventional test; ➤ BI test is localized and therefore can be used to characterize weld zone and HAZ and
Scale of Development	It is a full scale Equipment
Major Plant Equipment/Machinery	NA
Details of specification application	Technical specification will be available in the Brochure.
Status of Development	It is fully developed and in operation
Ecological/Environmental Impact (if any, specify briefly)	NA
Patenting details	Patented (national), S/W copyright has been taken
Commercialisation Status	Technology has been transferred
Key words	Portable, Automated ball indentation, Mechanical properties, Metals, In-situ application